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OF THE

UNITED STATES

DEPARTMENT OF AGRICULTURE

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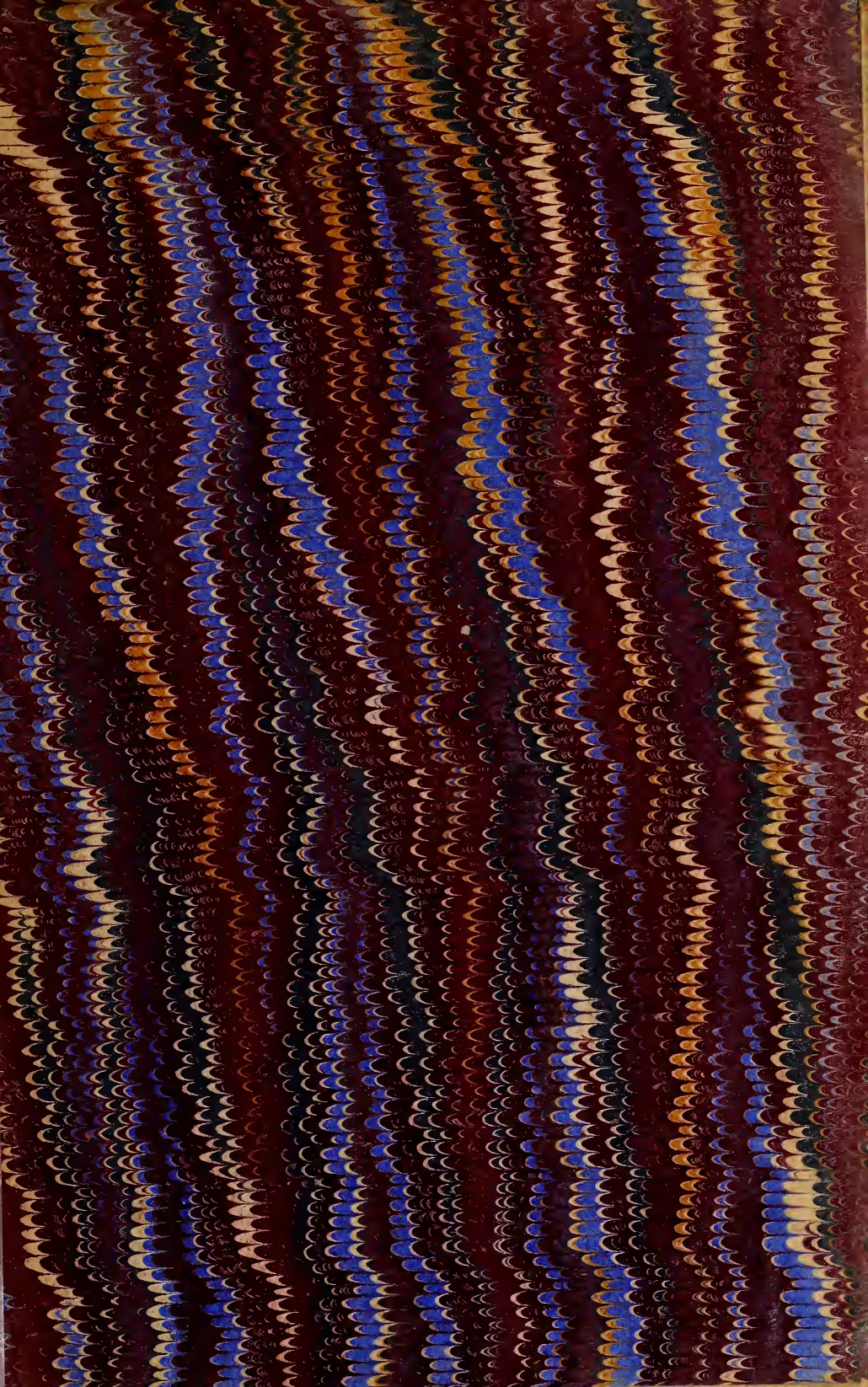
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EXPENDITURES IN THE DEPARTMENT OF AGRICULTURE.

LETTER
FROM
THE SECRETARY OF AGRICULTURE,

PRESENTING

A DETAILED STATEMENT OF THE EXPENDITURES OF THE
DEPARTMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1904,
INCLUDING SUPPLEMENTAL ACCOUNTS.

JANUARY 23, 1905—Referred to the Committee on Expenditures in the Department
of Agriculture and ordered to be printed.

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., January 21, 1905.

SIR: I have the honor to present herewith, in conformity to law,
a detailed statement of the expenditures of all appropriations for the
Department of Agriculture for the fiscal year ending June 30, 1904,
including supplemental accounts to September 30, 1904.

Very respectfully,

JAMES WILSON,
Secretary.

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904.

SALARIES.

Name.	Amount.	Name.	Amount.
Jas. Wilson.....	\$8,000.00	L. O. Howard.....	\$2,750.00
J. H. Brigham.....	4,487.62	C. Hart Merriam.....	2,750.00
D. E. Salmon.....	4,500.00	Geo. K. Holmes.....	2,500.00
B. F. Galloway.....	4,000.00	Jasper Wilson.....	2,500.00
H. W. Wiley.....	3,500.00	L. H. Dewey.....	2,500.00
Jno. Hyde.....	3,500.00	W. A. Taylor.....	2,500.00
Gifford Pinchot.....	3,500.00	A. S. Hitchcock.....	2,500.00
Milton Whitney.....	3,500.00	W. D. Bigelow.....	2,500.00
Geo. Wm. Hill.....	3,000.00	F. K. Cameron.....	2,500.00
Frank L. Evans.....	2,750.00	O. W. Price.....	2,500.00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SALARIES—Continued.

Name.	Amount.	Name.	Amount.
A. D. Melvin.....	\$2,500.00	M. M. McClure.....	\$1,400.00
A. M. Farrington.....	2,500.00	F. W. Patterson.....	1,400.00
H. E. Alvord.....	2,500.00	F. H. Hillman.....	1,400.00
Jno. R. Mohler.....	2,500.00	S. L. Sommers.....	1,400.00
R. W. Hickman.....	2,500.00	M. F. Safford.....	1,400.00
S. R. Burch.....	2,415.80	E. S. Thompson.....	1,400.00
S. D. Fessenden.....	2,200.00	H. R. Smedes.....	1,400.00
G. T. Moore.....	2,059.95	T. C. Halloway.....	1,400.00
J. B. Bennett.....	2,000.00	Anna L. Pierce.....	1,400.00
C. B. Lower.....	2,000.00	W. G. Smith.....	1,400.00
A. Zappone.....	2,000.00	G. N. Coffee.....	1,400.00
Jos. A. Arnold.....	2,000.00	G. W. Baumann.....	1,400.00
Jas. E. Jones.....	2,000.00	Henry Grinnell.....	1,400.00
C. W. Dorsey.....	2,000.00	McP. Reynolds.....	1,400.00
A. G. Rice.....	2,000.00	G. B. Morse.....	1,400.00
E. B. Jones.....	2,000.00	C. F. Flocken.....	1,400.00
E. C. Schroeder.....	2,000.00	Mary Sullivan.....	1,400.00
C. H. Greathouse.....	1,800.00	Evelyn Lyons.....	1,400.00
B. D. Stallings.....	1,800.00	F. N. Gregory.....	1,400.00
R. B. Handy.....	1,800.00	C. C. Carroll.....	1,400.00
J. A. Clark.....	1,800.00	I. C. I. Evans.....	1,400.00
D. W. Coquillett.....	1,800.00	W. S. D. Haines.....	1,400.00
A. K. Fisher.....	1,800.00	C. R. Barnett.....	1,396.20
W. A. Orton.....	1,800.00	Bertha Burch.....	1,382.61
R. E. Smith.....	1,800.00	F. R. Rutter.....	1,335.17
I. W. Stone.....	1,800.00	T. A. Scott.....	1,300.00
C. C. Moore.....	1,800.00	J. H. Barnes.....	1,274.70
W. H. Heilman.....	1,800.00	Allen Dodge.....	1,265.93
F. E. Olmsted.....	1,800.00	Chas. A. Jensen.....	1,247.80
H. J. Washburn.....	1,800.00	J. P. M. Haas.....	1,232.57
Jas. A. Emery.....	1,800.00	David Griffith.....	1,201.70
Albert Hassell.....	1,800.00	Thos. J. Ray.....	1,200.00
H. H. Gerdes.....	1,800.00	Wm. Collier.....	1,200.00
J. M. Pickens.....	1,800.00	Geo. A. Harlow.....	1,200.00
C. R. Ball.....	1,800.00	C. B. Clarke.....	1,200.00
N. E. Fealy.....	1,800.00	H. A. Benner.....	1,200.00
Josephine Brigham.....	1,600.00	B. M. Dodson.....	1,200.00
R. W. Roberts.....	1,600.00	I. J. Nichols.....	1,200.00
A. M. Housemann.....	1,600.00	F. J. P. Cleary.....	1,200.00
Jno. A. Harvey.....	1,600.00	M. E. Edwards.....	1,200.00
L. J. Harrington.....	1,600.00	M. E. Thorn.....	1,200.00
W. W. Jones.....	1,600.00	T. C. Cooney.....	1,200.00
F. C. Cox.....	1,600.00	M. A. S. Colman.....	1,200.00
A. I. Mudd.....	1,600.00	E. B. Hawkes.....	1,200.00
Ephraim Cornman.....	1,600.00	R. C. Althouse.....	1,200.00
Theo. Pergande.....	1,600.00	W. F. Tastet.....	1,200.00
B. C. Saunders.....	1,600.00	A. B. Morrison.....	1,200.00
C. A. Leth.....	1,600.00	McMerritt Cary.....	1,200.00
D. W. Stier.....	1,600.00	H. C. Oberholser.....	1,200.00
E. G. Ward, jr.....	1,600.00	L. J. Smith.....	1,200.00
F. P. Veitch.....	1,600.00	W. E. Taylor.....	1,200.00
M. S. Tidd.....	1,600.00	Ernest Morsell.....	1,200.00
Geo. G. Anderson.....	1,600.00	E. H. Bradley.....	1,200.00
Jno. S. Buckley.....	1,600.00	E. E. McDonell.....	1,200.00
Jos. Abel.....	1,600.00	E. W. Catchcart.....	1,200.00
Chas. H. Seaton.....	1,595.64	R. F. Housner.....	1,200.00
M. E. Fagan.....	1,534.90	A. M. Houser.....	1,200.00
D. S. Bliss.....	1,500.00	C. B. Finkel.....	1,200.00
Henry Oldys.....	1,500.00	Wm. M. King.....	1,200.00
A. H. Howell.....	1,500.00	V. K. Wharton.....	1,200.00
C. A. Drake.....	1,474.66	M. S. Bowie.....	1,200.00
E. A. de Schweinitz.....	1,462.90	F. B. Linton.....	1,200.00
Jno. R. Covert.....	1,425.32	A. G. McCall.....	1,200.00
H. N. Price.....	1,400.00	C. C. Scott.....	1,200.00
I. S. Pennybacker.....	1,400.00	Janette Steuart.....	1,200.00
W. C. Wyatt.....	1,400.00	H. Winklemann.....	1,200.00
M. McCutchen.....	1,400.00	P. R. Hindman.....	1,200.00
C. E. Donnelly.....	1,400.00	Frank Bennett, jr.....	1,200.00
Louise Breedin.....	1,400.00	Albert Gaskill.....	1,200.00
Anna Montgomery.....	1,400.00	Edna M. Frost.....	1,200.00
Eva H. Quinn.....	1,400.00	F. M. Allen.....	1,200.00
Jno. Roberts.....	1,400.00	A. M. Winfield.....	1,200.00
Jno. H. Hendrix.....	1,400.00	N. F. Haughton.....	1,200.00
M. A. Champney.....	1,400.00	M. A. Marshall.....	1,200.00
S. D. Judd.....	1,400.00	M. H. Mahon.....	1,200.00
Edmund Burke.....	1,400.00	Mary E. Fagan.....	1,200.00
Carrie Harrison.....	1,400.00	Carl A. Crawford.....	1,200.00
W. W. Tracy, jr.....	1,400.00	C. C. Clarke.....	1,198.40
O. H. Gates.....	1,400.00	C. B. Lane.....	1,198.40

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

3

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SALARIES—Continued.

Name.	Amount.	Name.	Amount.
Geo. E. King.....	\$1,196.70	T. B. Reamy.....	\$840.00
V. K. Chesnut.....	1,196.70	A. S. CRAIN.....	840.00
M. M. Ingram.....	1,191.81	L. J. Simonton.....	840.00
Ludwicka Wieser.....	1,183.10	J. B. Adams.....	833.30
H. L. Vining.....	1,167.04	O. F. Jones.....	800.00
L. F. Caswell.....	1,164.12	J. W. Duval.....	797.80
J. S. Holmes.....	1,162.59	Lawrence Gallagher.....	796.18
Virginia Miller.....	1,160.44	Fred. J. Tyler.....	794.31
C. P. Fletcher.....	1,115.20	Annie Parker.....	792.02
M. B. Zimmerman.....	1,102.20	Frank Andrews.....	762.20
H. M. Hendricks.....	1,100.00	F. C. Oberly.....	743.38
F. R. Fravell.....	1,100.00	O. S. Schriener.....	734.03
E. A. Bennett.....	1,100.00	Ed. C. Johnson.....	725.79
C. L. Du Bois.....	1,099.45	Jno. Hornbacker.....	725.00
David Waters.....	1,067.00	Henry Crompton.....	720.00
T. M. Price.....	1,050.00	Thos. Rutledge.....	720.00
Marion Dorset.....	1,037.10	Clarence Bean.....	720.00
Bertha Heiges.....	1,000.00	B. F. Ridgeway.....	720.00
W. A. Murray.....	1,000.00	J. M. Boardman.....	720.00
M. C. Stoddard.....	1,000.00	W. H. Johnson.....	720.00
M. A. Goodchield.....	1,000.00	M. F. Ryon.....	720.00
J. O. Riley.....	1,000.00	W. H. Moor.....	720.00
C. E. Bracey.....	1,000.00	H. S. Mott.....	720.00
E. L. Ogden.....	1,000.00	W. S. Canatsey.....	720.00
Jacob Kotinski.....	1,000.00	R. H. Cooke.....	720.00
A. N. Caudell.....	1,000.00	Thad Fairfax.....	720.00
N. H. Kent.....	1,000.00	Alfred Hawkins.....	720.00
J. H. Gaut.....	1,000.00	Jas. Monroe.....	720.00
P. S. Ricker.....	1,000.00	Moses Smith.....	720.00
A. L. Scribner.....	1,000.00	S. D. Frost.....	720.00
H. E. Gray.....	1,000.00	A. J. Hodges.....	720.00
Sara Skinner.....	1,000.00	L. T. Harrison.....	720.00
L. M. Jones.....	1,000.00	L. C. Kellerhouse.....	720.00
T. J. Blair.....	1,000.00	E. M. Olmsted.....	720.00
R. B. Blankman.....	1,000.00	E. L. Price.....	720.00
Sallie J. Adams.....	1,000.00	W. C. Shimoneck.....	720.00
M. L. Wood.....	1,000.00	Jno. Nicholas.....	720.00
F. A. Reynolds.....	1,000.00	B. R. Sherwood.....	720.00
S. E. Jenkins.....	1,000.00	Geo. I. Hall.....	720.00
F. M. J. Greene.....	1,000.00	C. C. Crogan.....	720.00
W. F. Hubbard.....	1,000.00	J. E. Field.....	718.04
G. W. Brett.....	1,000.00	M. C. Gannett.....	718.04
M. C. Montgomery.....	1,000.00	A. M. Dye.....	717.00
C. A. Pfender.....	1,000.00	Frank Snyder.....	712.22
E. R. Oberly.....	1,000.00	Alvena Haas.....	700.00
H. M. Thompson.....	1,000.00	M. A. Nelson.....	700.00
Nathl. Shatswell.....	1,000.00	R. S. Hosmer.....	692.89
H. D. Tiemann.....	1,000.00	A. H. Kite.....	688.37
A. M. Doyle.....	997.80	G. L. Clothier.....	688.23
W. F. Harding.....	981.56	H. A. Daly.....	678.26
Mary T. Dent.....	975.00	Otto Luebkert.....	668.50
M. E. Ryder.....	959.28	H. C. Graham.....	665.80
H. L. Watson.....	950.00	G. W. Sheerer.....	660.00
Sue McGill.....	937.54	E. G. Grau.....	660.00
Clara M. Loyd.....	920.00	M. A. Spillman.....	651.18
Geo. B. King.....	915.80	Sadia Haskell.....	635.72
R. P. Caruthers.....	915.80	E. J. Lindsay.....	630.00
Thos. Riggles.....	900.00	E. I. Bennett.....	630.00
G. L. Wooden.....	900.00	E. Brown.....	603.30
E. Simonson.....	900.00	J. H. Gordon.....	600.00
Grace M. Stoddard.....	900.00	W. W. Cooke.....	600.00
F. D. Strause.....	900.00	D. G. Passmore.....	600.00
E. M. Hollidge.....	900.00	A. A. Newton.....	600.00
C. D. Harvey.....	900.00	Frank Sprague.....	600.00
Pay Leonard.....	873.10	Q. R. Craft.....	600.00
A. H. Failyer.....	865.93	Edw. Block.....	600.00
J. A. Rice.....	857.18	A. H. B. Kinney.....	585.20
M. S. Cartón.....	855.85	G. W. Stiles, jr.....	570.70
A. G. Masius.....	849.92	D. A. Plumley.....	567.93
C. S. Weldmann.....	840.00	C. V. Grant.....	541.21
Jos. Williams.....	840.00	Celia Gellately.....	540.00
A. H. Brooks.....	840.00	J. A. Farley.....	537.35
J. A. Mason.....	840.00	S. R. Reeves.....	520.80
F. T. Moore.....	840.00	P. E. Brown.....	516.30
R. H. Edmundson.....	840.00	E. C. Herrick.....	500.00
G. E. Upton.....	840.00	Fred Lees.....	500.00
A. R. Knapp.....	840.00	V. P. Bradford.....	500.00
Lillian Burch.....	840.00	E. W. Sawyer.....	500.00
H. D. Walter.....	840.00	F. O. Martin.....	500.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SALARIES—Continued.

Name.	Amount.	Name.	Amount.
W. S. Stamper.....	\$500.00	L. E. Fairfax.....	\$210.00
Carrie Meyers.....	500.00	A. W. Thiel.....	206.01
Ernest A. Bennett.....	500.00	L. J. Taliafero.....	187.82
P. E. Brown.....	492.41	Eliza Meredith.....	192.17
J. W. Joyce.....	490.00	E. A. Weeks.....	180.00
V. B. Newton.....	482.97	Flora Schmidt.....	176.91
A. G. Varela.....	481.32	M. L. Sewell.....	175.60
Martha Boss.....	480.00	A. C. Shepard.....	164.82
Susie Morgan.....	480.00	Lizzie Rollins.....	164.22
Elily Werner.....	480.00	W. S. Shaler.....	150.00
K. W. Lane.....	477.07	Ralph W. Magee.....	148.33
Warren Parsons.....	470.78	W. L. Jepsom.....	145.05
A. W. Smith.....	469.20	E. J. Lundy.....	130.03
Geo. R. Ferguson.....	464.88	Sarah L. Garner.....	126.55
R. W. Magee.....	460.00	A. H. Williams.....	124.96
M. T. Warner.....	458.76	S. A. Noone.....	113.45
T. B. Harrison.....	450.00	Harry Berckhead.....	105.00
Andrew Geddes.....	421.20	Mary Anderson.....	103.71
M. B. Berryhill.....	420.00	F. W. S. Blanchard.....	101.10
M. C. Vance.....	420.00	Virginia Tenney.....	100.20
S. A. Burlingame.....	420.00	M. N. Hassell.....	98.90
C. B. Milligan.....	408.02	E. J. Newmeyer.....	97.80
E. H. Stevens.....	401.10	W. A. Sherman.....	84.78
Mark Winchester.....	396.70	Noah Lohr.....	77.42
J. A. Bonsteel.....	396.13	Andrew Fossum.....	75.80
Harry Goding.....	374.96	J. B. Tourney.....	75.00
A. A. Alexander.....	369.53	Gertrude Parker.....	67.83
E. B. Preston.....	360.00	Eliza Lewis.....	60.00
J. W. Raley.....	353.43	Harry Haws.....	60.00
Irving Frickey.....	350.00	L. T. Conway.....	59.30
Byron Hunter.....	335.20	Robt. Bilsborough.....	49.22
G. S. Meloy.....	335.20	Harry Thompson.....	45.00
M. L. Hall.....	335.20	R. A. Boss.....	43.50
S. M. Huddleson.....	334.03	J. C. Waite.....	41.21
C. O. Wilhite.....	319.78	Patk. O'Brien.....	29.35
Mary A. Agnew.....	318.18	M. C. Smith.....	25.73
J. G. Willier.....	317.32	I. F. Bagley.....	24.00
G. B. McGinty.....	313.81	O. H. Collin.....	22.58
H. S. Graves.....	300.00	M. B. O'Brien.....	14.35
W. L. Bray.....	300.00	L. L. White.....	13.19
A. V. Steubenrauch.....	300.00	P. O. Differ.....	5.00
W. R. Dudley.....	300.00	Geo. P. Parks.....	4.57
W. F. Fox.....	300.00	Jas. Smallwood.....	1.50
C. E. Bessey.....	300.00	Chas. Norman.....	1.50
H. N. Whitford.....	300.00	Jno. Higgins.....	1.50
S. M. Coulter.....	300.00	Robt. H. Carter.....	1.50
Ethel Eckman.....	262.09	Burrell Carter.....	1.50
M. L. Brown.....	260.85	Wm. Atkinson.....	1.50
W. F. Tomlinson.....	250.00	E. B. Blackwell.....	1.50
B. H. Smith.....	250.00	J. Brown.....	1.50
Fred Lees.....	250.00	J. Brooks.....	1.50
Leroy Scribner.....	250.00	Alex. Washington.....	1.50
Helen Stokes.....	240.00	Phil. Briscoe.....	1.50
Martha Barnett.....	240.00	Jno. Thomas.....	1.50
Catherine Baltimore.....	240.00	J. Thompson.....	1.50
H. Hayward.....	234.75	Jno. Higgins.....	1.50
A. L. Dahl.....	230.77	Wm. Smallwood.....	1.50
G. W. Stiles.....	225.00	Wm. Atkins.....	1.50
H. H. Chapman.....	225.00		
A. M. Bryant.....	219.15	Total.....	459,278.81
C. F. Morris.....	213.01		

SALARIES, WEATHER BUREAU, STATUTORY ROLL.

Willis L. Moore.....	\$5,000.00	Edgar B. Calvert.....	\$2,000.00
H. E. Williams.....	3,000.00	Jno. P. Church.....	2,000.00
Cleveland Abbe.....	3,000.00	W. F. R. Phillips.....	1,945.09
Frank H. Bigelow.....	3,000.00	D. Maring.....	1,800.00
Charles F. Marvin.....	3,000.00	Jas. R. Cook.....	1,726.63
Edward B. Garriott.....	2,500.00	Frank Gillam.....	1,800.00
A. J. Henry.....	2,500.00	J. H. Jones.....	1,800.00
Harry C. Frankenfield.....	2,000.00	F. M. Cleaver.....	1,800.00
William B. Stockman.....	2,000.00	Robert Seyboth.....	1,600.00
D. J. Carroll.....	2,249.95	P. C. Day.....	1,600.00
James Berry.....	2,000.00	George E. Hunt.....	1,600.00
J. H. Robinson.....	2,000.00	John C. Ashton.....	1,600.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SALARIES, WEATHER BUREAU, STATUTORY ROLL—Continued.

Name.	Amount.	Name.	Amount.
Henry Pennywitt.....	\$1,600.00	Isaac N. Dolph.....	\$1,196.74
H. H. Kimball.....	1,610.92	F. A. Claveloux.....	997.28
S. W. Beall.....	1,400.00	Lucien F. Senior.....	233.62
J. T. Foy.....	1,400.00	Julius J. Martin.....	766.30
G. W. Smith.....	1,400.00	Edward Dillon.....	1,000.00
T. O. Pugh.....	1,400.00	James F. Collins.....	1,000.00
G. W. Hay.....	1,400.00	Stewart S. Sharp.....	990.38
Hiram J. Penrod.....	1,150.00	Hiram Johnson.....	1,000.00
Theo. T. Moore.....	1,400.00	Daniel F. O'Neil.....	840.00
H. L. Heiskell.....	1,405.48	Fred L. Francis.....	840.00
Jno. C. Stewart.....	1,400.00	William Patrick.....	840.00
M. C. Bennett.....	1,400.00	Gustav E. Rausch.....	840.00
Jno. C. Fry.....	1,400.00	Walter S. Thornton.....	840.00
Enoch G. Johnson.....	1,400.00	John W. Towers.....	579.27
Sophia A. Beuter.....	1,400.00	John M. Haynes.....	840.00
H. W. Smith.....	1,400.00	Michael Hayes.....	720.00
Harry B. Wren.....	292.87	Charles W. Chambers.....	757.23
Wm. Berry.....	1,400.00	W. K. Durnbaugh.....	478.70
S. A. Potter.....	1,400.00	R. Hanson Weightman.....	720.00
Edward C. Easton.....	1,107.07	William O. Harvey.....	720.00
A. H. Kinnear.....	1,250.00	R. H. Morton.....	714.13
R. F. de Grain.....	1,200.00	Frank M. Angelo.....	328.70
J. H. Melton.....	1,200.00	Joseph Carey.....	720.00
W. D. Porter.....	1,200.00	David Keller.....	652.34
R. D. Meston.....	1,200.00	E. A. Branham.....	700.22
J. L. Whiteside.....	1,200.00	Richard E. Rozelle.....	720.00
Arthur Thompson.....	1,200.00	W. Plummer.....	660.00
Belle P. N. Spencer.....	782.06	Horace F. Lyon.....	247.50
Benjamin A. Blundon.....	1,205.49	John A. Balster.....	55.60
E. M. Mattison.....	1,200.00	William McLane, jr.....	660.00
Ruby S. Hotze.....	1,200.00	Everett H. Hughes.....	258.50
Wm. M. Husson.....	1,196.74	Joseph Brown.....	692.61
Clinton J. Ashton.....	1,200.00	Jesse Jones.....	448.90
D. Marean.....	1,200.00	Richard S. N. Sartz.....	600.00
Frank O. Stetson.....	1,200.00	Robert Williams.....	409.72
Homer W. Clough.....	1,200.00	John Driscow.....	410.44
Charles Holmes.....	1,200.00	Edward McDermott.....	600.00
Jos. B. Wilson.....	1,116.77	Plato T. Lee.....	567.03
Alvin T. Burrows.....	995.90	Harry W. Maedel.....	600.00
I. Gwynn Gardiner.....	1,200.00	Frederick Rice.....	581.89
John J. McLean.....	1,200.00	John Sullivan.....	665.21
Herman Volker.....	1,200.00	Wesley W. Jefferson.....	498.40
Henry Goucher.....	1,200.00	Adaline W. North.....	50.50
Samuel B. Gregory.....	600.00	Thomas H. Fichelberger.....	600.00
Charles F. Talman.....	1,189.12	William Jones.....	656.74
Mattie H. Chapman.....	1,000.00	George W. Thomas.....	284.40
S. Percy Minnick.....	1,033.30	Louis M. Campfield.....	668.48
Genevra B. Diehl.....	1,000.00	Daniel J. Brown.....	40.40
William N. Parker.....	1,000.00	Lemuel E. Taft.....	610.00
Conrad E. Hesse.....	1,000.00	Thomas Patrick.....	513.27
Frank D. Emery.....	1,000.00	Frank Matthews.....	385.82
Ralph C. Mize.....	1,000.00	Frederick M. Eisenstein.....	518.57
Franklin G. Tingley.....	1,005.52	George M. Wilmetth.....	39.20
Richard O. Lazenby.....	1,000.00	Thomas Woolfolk.....	561.91
Le Roy Weber.....	689.09	John W. Wolcott.....	552.43
Frederick W. Brist.....	40.76	Keith K. Rozzelle.....	109.95
Charles A. Howe.....	252.64	James N. Kline.....	431.30
Louis V. Luber.....	43.44	Alice L. Lieutaud.....	360.00
John F. Humer.....	624.96	Lucy Payne.....	240.00
Joseph U. Monroe.....	1,033.50	Amanda Lomax.....	240.00
Rowena A. Edwards.....	1,000.00	Clara A. Templeton.....	240.00
T. Frederick Davis.....	1,000.00	Fay F. Lewis.....	95.79
Walter J. Bennett.....	994.56	John T. S. Burns.....	317.40
Alice T. Hercus.....	916.80	Joseph B. Coleman.....	23.23
Luman M. Cleveland.....	931.37	James Kane.....	404.55
Laura F. Hawkins.....	900.00	Thomas D. Brohun.....	351.08
Herbert C. Merrill.....	900.00	Martin L. Barry.....	38.04
Charles W. Taylor.....	900.00	Walter J. McDonald.....	11.41
C. Grant Bigham.....	902.70	Lulu C. Hyle.....	72.71
Eric R. Miller.....	851.09	Shermont L. Lewis.....	28.74
Mary Long.....	840.00	Michael P. Roux.....	29.34
Claude C. Cooper.....	781.09	Carey A. Dolph.....	61.49
Charles W. Rohrer.....	630.00	George C. Beck.....	32.77
Belle Gaston.....	703.08	William Plummer, jr.....	268.91
Charles S. Grindle.....	63.91	Stephen L. McCarthy.....	32.12
Henry A. Meyers.....	210.00	Walter G. Avery.....	44.50
Virginia M. Peticolas.....	720.00	William Bronsnan.....	37.14
C. B. Tuch.....	1,400.00	Charles J. Stoddard.....	32.96
C. H. Pilcher.....	1,200.00	Frank P. Torbert, jr.....	156.61

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SALARIES, WEATHER BUREAU, STATUTORY ROLL—Continued.

Name.	Amount.	Name.	Amount.
Joseph D. Burns.....	\$192.44	Henry Hockstein.....	\$106.31
Louise P. Hiss.....	174.36	Robert B. Atkinson.....	75.81
Walter B. B. Hill.....	39.56	Daniel J. Byrnes.....	19.78
D. R. Holmes.....	213.63	Johnnie A. Dunmore.....	79.11
Herbert Roswell.....	43.86	James H. Richards, jr.....	56.86
Edward J. Williams.....	33.36	Robert L. Fearson.....	23.49
Walter E. Kelly.....	198.49	Nettie P. McKnew.....	74.20
Henry W. Edgerton.....	26.37	Herman E. Hobbs.....	24.73
Walter Parker.....	94.28	Edward P. Gates.....	18.54

BUREAU OF ANIMAL INDUSTRY, EXPENSES.

Date.	Name.	Nature of payment.	Total.
1903.			
July 15	Geo. E. Howard.....	Labels.....	\$2,749.50
21	Wilcox & Harvey Manufacturing Co.....	Punch, etc.....	13.75
	J. M. Lovelady.....	Pigs.....	24.00
	Jno. Zickrick.....	Mare.....	15.00
	Jas. B. Lambie.....	Morticer.....	30.00
22	S. R. Burch.....	Traveling expenses.....	15.40
28	White Horse.....	Mare.....	15.00
	Jno. J. Slater.....	Abstract.....	44.68
29	G. T. DeFreece.....	Corn.....	30.15
	National Electric Supply Co.....	Desk fan.....	10.50
	Miller Lock Co.....	Padlock.....	14.00
	Jos. M. Good.....	Expenses.....	1.11
	H. A. Hedrick.....	Traveling expenses.....	12.70
31	Marion T. Dorset et al.....	Salaries.....	5,705.02
Aug. 3	Ed. H. Webster.....	Services.....	168.50
	M. W. Lang.....	do.....	151.60
	Levi Wells.....	do.....	151.60
	B. F. Van Valkenburgh.....	do.....	151.60
	Geo. M. Whittaker.....	do.....	126.40
	W. D. Collyer.....	do.....	151.60
	Geo. E. Howard.....	Labels.....	1,800.50
	L. S. Depue.....	Meal and bran.....	249.00
	D. E. Salmon.....	Traveling expenses.....	14.35
4	Edwd. S. Schmid.....	Feed.....	14.00
	do.....	Mice.....	1.50
	Jas. Johnston et al.....	Salaries.....	1,881.53
	Julius Huelsen et al.....	do.....	670.40
	H. A. Hedrick et al.....	do.....	478.30
	W. H. Rose et al.....	do.....	1,188.45
	Geo. C. Faville et al.....	do.....	294.80
	G. H. Parks.....	Services.....	134.80
	Jno. Callaghan.....	do.....	27.00
	Harry F. Hume.....	do.....	58.70
	H. D. Mayne.....	do.....	101.10
	W. J. Kennedy.....	do.....	125.00
5	Nathan K. Fegley et al.....	Salaries.....	262.80
	F. W. Bicknell.....	Services.....	250.00
	Geo. S. Hickox.....	do.....	134.80
	H. J. Hammond.....	do.....	117.90
	Allen A. Holcombe.....	do.....	126.40
	W. S. Cass.....	do.....	117.90
	Geo. A. Bond.....	do.....	117.90
	N. L. Townsend.....	do.....	117.90
	Robt. H. Treacy.....	do.....	117.90
	H. M. Rowe.....	do.....	117.90
	Wm. Proudfoot.....	do.....	84.20
	R. M. Ramsay.....	do.....	117.90
	Thos. Redmond.....	do.....	84.20
	David C. Hanawalt.....	do.....	117.90
	S. W. McClure.....	do.....	101.10
	Clinton H. Bugbee.....	do.....	117.90
	David R. Hodges.....	do.....	84.20
	Thos. White.....	do.....	117.90
	W. W. Worcester.....	do.....	117.90
	Jno. McBirney.....	do.....	134.80
	Horace H. Collins.....	do.....	101.10
	Wilton F. Crewe.....	do.....	101.10
	Catherine J. Gard.....	do.....	17.50
	W. S. Hughes.....	Mare.....	20.00
	Jos. M. Turner.....	Services.....	75.80
	Jas. Irwin.....	do.....	84.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 5	Wm. H. Wade.....	Services.....	\$75.80
	C. L. Morin.....	do.....	101.10
	A. J. Pistor.....	do.....	117.90
	F. O. Pettey.....	do.....	84.20
	Wm. Pflaeving.....	do.....	84.20
	Isaac W. O'Rourke.....	do.....	117.90
	Frank Parker.....	do.....	78.26
	Clayton E. Moss.....	do.....	84.20
	Thos. J. Lowry.....	do.....	84.20
	Jay Merrill.....	do.....	84.20
	R. G. Merrill.....	do.....	75.80
	Jno. C. Massie.....	do.....	84.20
	Willis B. Lincoln.....	do.....	117.90
	F. W. Hopkins.....	do.....	117.90
	Lowell Clarke.....	do.....	126.40
	W. P. Ellenberger et al.....	Salaries.....	188.70
	Wm. G. Shaw.....	Services.....	117.90
	Murray J. Myers.....	do.....	78.26
	W. H. Meadors.....	do.....	117.90
	M. S. Lantz.....	do.....	117.90
	Arthur R. Glaisyer.....	do.....	117.90
	J. Otis Jacobs.....	do.....	117.90
	Matthew A. Farley.....	do.....	84.20
	Wilbur H. Hurst.....	do.....	101.10
	E. N. Hutchinson.....	do.....	48.91
	Frank C. Eells.....	do.....	117.90
	Wm. R. Fleming.....	do.....	117.90
	Henry R. McNally.....	do.....	101.10
	Morris T. Hascall.....	do.....	80.60
	Jno. J. Hayes.....	do.....	117.90
	Roy N. Drake.....	do.....	117.90
	W. R. Dennis.....	do.....	84.20
6	Harry Hayward.....	Traveling expenses.....	13.08
	Albert Dean et al.....	Salaries.....	673.90
	A. G. G. Richardson et al.....	do.....	7,325.91
	Albert E. Behnke et al.....	do.....	1,186.87
	L. K. Green et al.....	do.....	328.10
	H. A. Christmann et al.....	do.....	178.50
	Fredk. Braginton et al.....	do.....	187.00
	Geo. Ditewig et al.....	do.....	278.00
	R. J. Blanche et al.....	do.....	187.00
	Jas. S. Kelly et al.....	do.....	202.20
	Edwd. P. Dowd et al.....	do.....	187.00
	F. W. Huntington et al.....	do.....	129.10
	Leslie J. Allen.....	Services.....	126.40
	H. B. Adair.....	do.....	126.40
	Peter I. Kershner.....	do.....	126.40
	Thos. A. Bray.....	do.....	126.40
	Arch. H. Wallace.....	do.....	117.90
	Geo. W. Browning.....	do.....	117.90
	Louis Metsker.....	do.....	117.90
	W. M. MacKeller.....	do.....	117.90
	Louis A. Klein.....	do.....	117.90
	Ernest J. Foreman.....	do.....	117.90
	Clarence A. Clawson.....	do.....	117.90
	Geo. E. Totten.....	do.....	117.90
	Jno. A. Sloan.....	do.....	117.90
	Dan McCuningham.....	do.....	101.10
	R. W. McKibbin.....	do.....	81.52
	Jno. L. Burgett.....	do.....	101.10
	Frank W. Brewer.....	do.....	101.10
	Chas. Pearson.....	do.....	101.10
	C. A. McCall.....	do.....	101.10
	W. S. Johnson.....	do.....	101.10
	Wm. D. Jorden.....	do.....	101.10
	Chas. A. Brown.....	do.....	84.20
	Marion Dorset.....	Expenses.....	17.45
	J. D. Richards.....	Mare.....	25.00
7	Nathl. B. Smith.....	Services.....	117.90
	Jno. A. Bell.....	do.....	40.00
	D. Cumming.....	do.....	65.00
	A. J. Smith.....	do.....	84.20
	Walter E. Howe.....	do.....	117.90
	G. W. Butler.....	do.....	117.90
	F. L. Russell.....	do.....	56.00
	Wm. E. Smith.....	do.....	90.00
	Jas. Hewes.....	do.....	72.00
	Chas. Cowie.....	do.....	104.00
	.....do.....	Traveling expenses.....	8.35

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 7	F. L. Russell.....	Traveling expenses.....	\$24. 19
	Wm. Thompson et al.....	Salaries.....	845. 29
	Chas. A. Schaufier et al.....	do.....	1,052. 80
	Louis R. Baker et al.....	do.....	1,142. 00
	B. P. Wende et al.....	do.....	1,861. 10
	Louis Abel et al.....	do.....	2,767. 93
	Edw. P. Schaffter.....	do.....	771. 54
	W. B. Niles et al.....	do.....	494. 20
	J. B. Clancy et al.....	do.....	4,240. 62
8	Geo. W. Pope et al.....	do.....	1,598. 07
	J. J. Brougham et al.....	do.....	1,628. 80
	H. H. George et al.....	do.....	857. 40
	Trajan A. Shipley et al.....	do.....	338. 60
	Wesley Neil et al.....	do.....	186. 38
	F. L. De Wolf et al.....	do.....	265. 80
	I. A. Bell et al.....	do.....	134. 36
	Boyd Baldwin et al.....	do.....	712. 50
	F. W. Ainsworth et al.....	do.....	366. 90
	Harry D. Paxson et al.....	do.....	1,231. 02
	F. D. Ketchum et al.....	do.....	1,106. 56
	Boyd Baldwin.....	Expenses.....	5. 12
10	Wm. J. Murphy et al.....	Salaries.....	202. 20
	M. O. Anderson et al.....	do.....	187. 00
	W. H. Gibbs et al.....	do.....	161. 70
	Joshua Miller et al.....	do.....	225. 18
	Chas. H. Zink et al.....	do.....	475. 00
	Ella M. Caldwell et al.....	do.....	26. 08
7	Henry E. Alvord.....	Traveling expenses.....	107. 15
	S. R. Burch.....	do.....	5. 60
	F. Auerback & Bro.....	Rent.....	30. 00
12	Wm. Lochte.....	Shoeing horses.....	15. 12
	Geo. W. Moss.....	Passenger transportation.....	245. 00
13	Harvard Laundry Co.....	Towel service.....	5. 06
	E. C. Schroeder.....	Expenses.....	9. 51
14	Don C. Ayer et al.....	Salaries.....	3,836. 65
	O. E. Dyson et al.....	do.....	9,700. 56
	Walter C. Stewart et al.....	do.....	2,294. 24
	Arthur B. Morse et al.....	do.....	187. 00
	O. B. Hess et al.....	do.....	417. 70
	Jno. Forbes et al.....	do.....	3,497. 25
	Chas. Keane et al.....	do.....	547. 50
	J. C. Milnes et al.....	do.....	726. 10
	Geo. S. Baker et al.....	do.....	422. 80
	Nels C. Sorensen et al.....	do.....	2,020. 41
	Robt. Darling et al.....	do.....	202. 20
	Jas. Fleming et al.....	do.....	1,026. 54
	V. L. Brown et al.....	do.....	2,489. 16
	H. D. Mayne.....	Traveling expenses.....	9. 25
	W. C. Barth.....	do.....	3. 00
	Warren J. Fretz.....	do.....	46. 65
	M. W. Lang.....	do.....	108. 03
	H. T. Potter.....	do.....	9. 25
	Wm. C. Honan.....	do.....	20. 50
	Levi Wells.....	do.....	96. 61
	R. G. Merrill.....	do.....	2. 10
	Geo. S. Hickox.....	do.....	50. 83
	B. A. Gallagher.....	do.....	5. 25
	F. W. Bicknell.....	do.....	111. 05
	Clarence Loveberry.....	do.....	13. 65
	O. B. Hess.....	do.....	1. 50
	Chas. M. Day.....	do.....	39. 30
	Robt. H. Harrison.....	do.....	8. 25
	Jas. Hewes.....	do.....	15. 82
	W. D. Collyer.....	do.....	74. 14
	B. F. Van Valkenburgh.....	do.....	28. 90
	Thos. J. Lawry.....	do.....	2. 00
	C. L. Morin.....	do.....	8. 25
	Willis B. Lincoln.....	do.....	16. 35
	Loamer West.....	Services.....	101. 10
	W. E. Hill.....	do.....	101. 10
	G. W. Ward.....	do.....	117. 90
	Amy T. Mace.....	do.....	23. 65
	Margaret Enright.....	do.....	13. 04
	Jos. M. Good.....	do.....	117. 90
	Albert Long.....	do.....	117. 90
	F. M. Perry.....	do.....	117. 90
	E. A. McDonald.....	do.....	136. 00
	W. H. Saylor.....	do.....	64. 00
	H. T. Potter.....	do.....	18. 00

EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

9

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 14	Mae Searles.....	Services.....	\$14.67
	Addie E. Benneson.....	do.....	13.04
	M. R. Fletcher.....	do.....	1.95
	Clara E. Holmes.....	do.....	8.15
	Kate H. Brady.....	do.....	13.04
	Mattie Kneeland.....	do.....	8.15
	Jas. W. Davis.....	do.....	75.80
	Dean G. Cooper.....	do.....	117.90
	A. G. G. Richardson.....	Expenses.....	9.15
	H. H. George.....	do.....	6.37
	O. B. Hess.....	do.....	9.85
	W. H. Rose.....	do.....	14.40
	Anderson & Rounds.....	Three mares.....	120.00
	J. R. Stafford.....	Use horse and buggy.....	10.00
	F. D. Ketcham.....	do.....	25.00
	A. P. Little.....	Supplies.....	5.10
	Chas. Wooden Leg.....	Mare.....	15.00
	Jno. Eagle Louse.....	do.....	17.00
	Chas. Keane.....	Use horse and buggy.....	25.00
	Saml. E. Bennett.....	do.....	45.00
	Robt. Darling.....	do.....	25.00
	Albert E. Behnke.....	do.....	35.00
	Johnson Bros.....	Mare.....	15.00
	Russell G. Merrill.....	Use horse and buggy.....	25.00
	Hiram W. Hawley.....	do.....	32.00
	Jno. C. Lorenzen.....	do.....	35.10
	Geo. W. Butler.....	do.....	30.00
	Chas. M. Shank.....	Butter.....	3.45
	Corbin Morse.....	Mares.....	35.00
	Aug. C. Jens.....	Livery.....	25.00
	Rawlins Implement Co.....	Repairs, etc.....	25.43
	W. S. Cass.....	Livery.....	34.00
	Travis & De Freece.....	Wire.....	11.40
	Jas. W. Davis.....	Livery.....	18.00
	Don C. Ayer.....	do.....	15.00
	Jas. J. Brougham.....	do.....	40.00
	Jno. Post.....	Oats and bran.....	36.00
	Geo. E. Howard.....	Labels.....	500.50
	The M. Lindsay Rubber Co.....	Aprons.....	9.00
	Densmore Typewriter Co.....	Rubber covers.....	2.00
	St. Louis National Stockyards Co.....	Rent.....	50.00
	W. S. Goodhue.....	do.....	50.00
15	Z. D. Gilman.....	Supplies.....	5.40
	W. B. Moses & Sons.....	Chair.....	5.50
	Fred. A. Schmidt.....	Pens.....	1.10
	National Electric Supply Co.....	Fan.....	10.50
	do.....	do.....	10.50
	do.....	Clusters.....	3.00
	do.....	Fuses.....	2.64
	Geo. E. Howard.....	Labels.....	2,749.50
17	Yawman & Erbe Manufacturing Co.....	Indexes, etc.....	12.20
	The Publishers and Printers' Engraving Co.....	Engraving.....	18.90
	Eimer & Amend.....	Aniline.....	2.50
18	Woodward & Lothrop.....	Desk.....	42.11
	Lamb & Tilden.....	Ink.....	12.00
	R. Carter Ballantyne.....	Binding cases.....	3.48
	do.....	Pens.....	19.79
19	E. T. Davison et al.....	Salaries.....	802.20
	Henry P. Armsby et al.....	do.....	190.00
	Caroline Burnaby.....	Services.....	40.00
	W. H. Wray.....	do.....	387.50
	Levi P. Beechy.....	do.....	117.90
	Toolie A. Geddes.....	do.....	210.60
	Isaiah Richards.....	do.....	84.20
	Henry M. Edsall.....	Traveling expenses.....	11.95
	W. H. Wray.....	do.....	7.53
	Robt. H. Treacy.....	do.....	42.50
	Arthur A. Glaisyer.....	do.....	50.00
	W. B. Niles.....	do.....	3.85
	W. R. Fleming.....	do.....	23.50
	N. L. Townsend.....	do.....	11.25
	Morris T. Haskell.....	do.....	1.50
	Geo. S. Baker.....	do.....	6.85
	W. S. Cass.....	do.....	16.60
	Wm. E. Smith.....	do.....	7.85
	F. M. Perry.....	do.....	11.20
	Geo. W. Pope.....	do.....	7.14
	Jno. A. Bell.....	do.....	10.52
	Geo. E. Totten.....	do.....	20.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 19	M. A. Sappington.....	Traveling expenses.....	\$22.40
	Louis A. Klein.....	do.....	13.95
	Jos. W. Parker.....	do.....	3.15
	Chas. A. Brown.....	do.....	5.90
	Geo. C. Moser.....	do.....	4.05
	F. O. Pettet.....	do.....	10.75
	W. H. Wray.....	Expenses.....	3.51
	J. B. Clancy.....	do.....	2.85
	do.....	do.....	8.00
	Julius Hudson.....	do.....	7.30
	Geo. S. Hickox.....	do.....	13.00
	E. T. Davison.....	do.....	5.99
	Clarence Loveberry.....	do.....	17.95
	N. C. Sorensen.....	do.....	5.00
	W. B. Niles.....	do.....	13.00
	Saml. E. Bennett.....	do.....	2.75
	The Jas. A. Gray Co.....	File ties.....	9.24
	Union Envelope Co.....	Envelopes.....	77.00
	T. S. Buck Manufacturing Co.....	Cement.....	19.95
	Queen & Co. (Incorporated),	Alcohol.....	6.00
	Chadwick Copying Book Co.....	Books.....	46.00
	Leo G. Wood.....	Mare.....	20.00
	Chas. M. Bourne.....	Mares.....	60.00
	C. H. Mathews.....	Stallion.....	25.00
	Valentine Hussong.....	Mare.....	25.00
	Wm. S. Wood.....	Mares.....	65.00
	Jno. Phillips.....	Mare.....	20.00
	Mrs. E. F. Arnold.....	do.....	25.00
	Norvell Shapleigh Hardware Co.....	Clippers.....	6.00
	Boston Electric Co.....	Fans.....	21.00
	O. E. Dyson.....	Livery.....	25.00
	S. W. Burt.....	do.....	25.00
20	Thos. R. Riley.....	Tags.....	8.50
	Lutz & Co.....	Pads.....	1.50
21	Ed. H. Webster.....	Expenses.....	14.38
	Frank Parker.....	Traveling expenses.....	35.50
	Ed. H. Webster.....	do.....	71.27
22	G. W. Ward.....	do.....	20.75
	Wm. F. Pflaeving.....	do.....	48.10
	S. W. McClure.....	do.....	41.00
	D. C. Hanawalt.....	do.....	101.35
	Jno. McBirney.....	do.....	72.00
	E. N. Hutchinson.....	do.....	47.05
	A. J. Pistor.....	do.....	49.80
	N. B. Smith.....	do.....	47.15
	Henry R. McNally.....	do.....	23.25
	A. H. Wallace.....	do.....	25.40
	Western L. Johnson.....	do.....	5.25
	Dan McCuningham.....	do.....	30.00
	Thos. A. Bray.....	do.....	45.25
	Chas. Pearson.....	do.....	25.70
24	M. S. Lantz.....	do.....	46.25
	Walter E. Howe.....	do.....	91.60
	Clayton E. Moss.....	do.....	150.25
	Toolie A. Geddes.....	do.....	36.04
	Ernest J. Foreman.....	do.....	41.85
	Louis Metsker.....	do.....	81.75
	C. A. Clawson.....	do.....	40.15
	Wm. M. MacKellar.....	do.....	46.75
	F. W. Brewer.....	do.....	58.50
	Wm. G. Shaw.....	do.....	82.84
	M. A. Farley, jr.....	do.....	87.80
	Frank C. Eells.....	do.....	102.25
	Jno. J. Hayes.....	do.....	89.00
	C. H. Bugbee.....	do.....	114.75
	L. J. Allen.....	do.....	48.95
	W. D. Jordan.....	do.....	47.67
	J. W. O'Rourke.....	do.....	71.10
	Jno. R. Mohler.....	Expenses.....	3.00
25	J. F. Ryder.....	Traveling expenses.....	30.00
	Jno. L. Burgett.....	do.....	14.45
	O. B. Hess.....	do.....	8.10
	E. A. McDonald.....	do.....	136.13
	C. A. McCall.....	do.....	55.10
	Lowell Clarke.....	do.....	86.70
	J. F. Ryder.....	Services.....	168.50
	American Ice Co.....	Ice.....	32.71
	Rudolph, West & Co.....	Wire.....	11.34
	Eimer & Amend.....	Flasks.....	6.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 25	Bausch & Lomb Optical Co.	Supplies	\$49.43
	.....do.....	Microtome	62.25
	Trustees of the Milk Street Trust	Rent	75.00
26	David R. Hodges	Traveling expenses	131.75
	Wesley N. Niel	.....do.....	21.15
	Roy N. Drake	.....do.....	61.50
	W. W. Worcester	.....do.....	51.75
	E. T. Davison	.....do.....	84.80
	Jno. A. Stauffer	.....do.....	5.00
	H. J. Gilmore	Copying press	7.20
	The Anderson Lumber Co.	Lumber	96.06
27	Wilbur H. Hurst	Traveling expenses	86.05
	Thos. Redmond	.....do.....	81.30
	A. R. Wake	.....do.....	57.25
	Isaiah Richards	.....do.....	91.05
	J. Otis Jacobs	.....do.....	104.30
	L. K. Green	.....do.....	5.67
	Harry M. Ball	.....do.....	87.28
	Thos. White	.....do.....	15.75
	Geo. M. Rommel	.....do.....	65.71
	H. M. Rowe	.....do.....	95.30
	Clarence Loveberry	Expenses	35.48
	Chas. M. Bourne	Mare	20.00
	J. P. Nawrath	Cable	10.15
	I. J. M. Brown	Service, man, horse, and saddle	45.00
	L. S. Depue	Corn, etc.	30.00
	Thos. R. Riley	Lumber	74.00
	Geo. D. Markham	Hogs	148.75
	E. G. Schafer & Co.	Solder	.91
	News Publishing Co.	Advertising	2.52
28	Henry E. Alvord	Traveling expenses	46.50
	Clarence Loveberry et al.	Salaries	485.53
	Geo. D. Markham	Cattle	200.00
	Chas. Hubinger	Hardware	41.75
31	Marion T. Dorset et al.	Salaries	5,962.42
Sept. 3	Ed. H. Webster	Services	168.50
	Geo. M. Whitaker	.....do.....	126.40
	W. D. Collyer	.....do.....	151.60
	M. W. Lang	.....do.....	151.60
	B. F. Van Valkenburgh	.....do.....	151.60
	Levi Wells	.....do.....	151.60
	Jno. Callahan	.....do.....	39.00
	H. D. Mayne	.....do.....	101.10
	G. H. Parks	.....do.....	134.80
	Harvey F. Hume	.....do.....	60.60
	F. W. Hopkins	.....do.....	117.90
	Willis B. Lincoln	.....do.....	117.90
	Wm. G. Shaw	.....do.....	11.41
	Joseph M. Good	.....do.....	117.90
	W. H. Meadors	.....do.....	117.90
	Jos. M. Turner	.....do.....	75.80
	Marion Dorset	Expenses	10.24
	F. W. Ainsworth	.....do.....	5.00
	S. R. Burch	Traveling expenses	31.30
	W. P. Ellenberger	.....do.....	9.65
	E. J. Drake	.....do.....	19.25
	Geo. A. Bond	.....do.....	145.40
	R. A. Ramsay	.....do.....	87.25
	Edw. C. Joss	.....do.....	1.25
	A. J. Smith	.....do.....	120.00
	Wm. Proudfoot	.....do.....	51.00
	Jno. C. Massie	.....do.....	85.00
	Jay Merrill	.....do.....	123.00
	W. H. Meadors	.....do.....	34.70
4	Henry P. Armsby et al.	Salaries	190.00
	Jas. Johnston et al.	.....do.....	2,074.46
	W. P. Ellenberger et al.	.....do.....	188.70
	Geo. C. Faville et al.	.....do.....	294.80
	H. A. Hedrick et al.	.....do.....	478.30
	Julius Huelsen et al.	.....do.....	658.97
	W. H. Rose et al.	.....do.....	1,188.45
	Geo. E. Bedell	Recaning chairs	3.50
	Potomac Electric Power Co.	Electric current	50.73
	Washington Gas Light Co.	Gas	36.10
	F. W. Bicknell	Services	250.00
5	Geo. W. Pope et al.	Salaries	1,349.02
	Lewis R. Baker et al.	.....do.....	1,119.16
	A. E. Behnke et al.	.....do.....	1,257.78
	Nathan K. Fegley et al.	.....do.....	262.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 5	Edw. P. Schaffter et al.....	Salaries.....	\$650.62
	C. A. Schauflier et al.....	do.....	1,088.80
	J. J. Brougham et al.....	do.....	1,628.80
	J. E. Blackwell et al.....	do.....	3,356.68
8	O. E. Dyson et al.....	do.....	9,618.37
	Harry N. Waller et al.....	do.....	2,972.38
	Virgil L. Brown et al.....	do.....	2,482.41
	A. J. Pistor.....	Services.....	117.90
	A. D. Melvin.....	Traveling expenses.....	51.15
9	C. L. Morin.....	do.....	5.45
	Boyd Baldwin.....	Expenses.....	4.92
	F. L. De Wolf.....	do.....	.50
	Horace H. Collins.....	do.....	101.10
	Lowell Clarke.....	Services.....	126.40
	Geo. A. Bond.....	do.....	117.90
	Thos. J. Lowery.....	do.....	84.20
	Wilbur H. Hunt.....	do.....	101.10
	Walter E. Howe.....	do.....	117.90
	Allen A. Holcombe.....	do.....	126.40
	John J. Hayes.....	do.....	117.90
	Geo. S. Hickox.....	do.....	134.80
	I. W. O'Rourke.....	do.....	117.90
	Frank Parker.....	do.....	101.10
	F. O. Pettey.....	do.....	84.20
	W. W. Worcester.....	do.....	117.90
	G. R. Brewer.....	do.....	23.48
	Jno. C. Massie.....	do.....	84.20
	M. S. Lantz.....	do.....	117.90
	J. Otis Jacobs.....	do.....	117.90
	Ernest N. Hutchinson.....	do.....	126.40
	David R. Hodges.....	do.....	84.20
	Morris T. Hascall.....	do.....	84.20
	H. J. Hammond.....	do.....	117.90
	D. C. Hanawalt.....	do.....	117.90
	A. R. Glaisyer.....	do.....	15.22
	Thos. Redmond.....	do.....	84.20
	W. R. Fleming.....	do.....	117.90
	Thos. J. White.....	do.....	117.90
	W. R. Dennis.....	do.....	84.20
	Laomer West.....	do.....	101.10
	Jno. L. Burgett.....	do.....	101.10
	Geo. W. Browning.....	do.....	117.90
	Arch. H. Wallace.....	do.....	117.90
	C. A. McCall.....	do.....	101.10
	Geo. E. Totten.....	do.....	117.90
	Ernest J. Foreman.....	do.....	117.90
	H. B. Adair.....	do.....	126.40
	D. Cumming.....	do.....	101.10
	C. L. Morin.....	do.....	101.10
	W. S. Cass.....	do.....	117.90
	W. F. Crewe.....	do.....	101.10
	Chas. W. Deming.....	do.....	101.10
	Clinton H. Bugbee.....	do.....	117.90
	Ray N. Drake.....	do.....	117.90
	Frank C. Eells.....	do.....	117.90
	M. A. Farley, jr.....	do.....	84.20
	A. J. Smith.....	do.....	84.20
	N. B. Smith.....	do.....	117.90
	N. L. Townsend.....	do.....	117.90
	Clarence O. Durfee.....	do.....	26.63
	Jas. Irwin.....	do.....	84.20
	F. M. Perry.....	do.....	117.90
	Wm. H. Wade.....	do.....	75.80
	Harry M. Ball.....	do.....	117.90
	Henry R. McNally.....	do.....	101.10
	R. G. Merrill.....	do.....	75.80
	S. W. McClure.....	do.....	101.10
	Clayton E. Moss.....	do.....	84.20
	Jno. McBirney.....	do.....	134.80
	Jno. Forbes.....	do.....	134.80
	Isaiah Richards.....	do.....	84.20
	H. M. Rowe.....	do.....	117.90
	R. A. Ramsay.....	do.....	117.90
	Wm. Proudfoot.....	do.....	84.20
	C. A. Clawson.....	do.....	117.90
	W. L. Johnson.....	do.....	101.10
	Frank W. Brewer.....	do.....	101.10
	S. J. Allen.....	do.....	126.40
	Jno. A. Sloan.....	do.....	117.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 9	Chas. Pearson.....	Services.....	\$101.10
	Wm. M. MacKellar.....	do.....	117.90
	Wm. D. Jordan.....	do.....	101.10
	Louis Metsker.....	do.....	117.90
	Peter J. Kershner.....	do.....	126.40
	Chas. O. Brown.....	do.....	84.20
	Thos. A. Bray.....	do.....	126.40
	Dan McCuningham.....	do.....	101.10
	Louis A. Klein.....	do.....	117.90
	Jay Merrill.....	do.....	84.20
	Albert Dean et al.....	Salaries.....	673.90
	Geo. Ditewig et al.....	do.....	278.00
	R. P. Blanche et al.....	do.....	126.40
	Edw. P. Dowd et al.....	do.....	187.00
	Fredk. Braginton et al.....	do.....	187.00
	L. K. Greene et al.....	do.....	320.10
	W. J. Murphy et al.....	do.....	202.20
	Boyd Baldwin et al.....	do.....	611.40
	F. W. Huntington et al.....	do.....	127.10
	J. S. Kelly et al.....	do.....	202.20
	B. P. Wende et al.....	do.....	1,958.93
	H. H. George et al.....	do.....	857.40
	F. L. De Wolf et al.....	do.....	259.80
	W. F. Pflaeging.....	Services.....	84.20
	Albert N. Irwin.....	do.....	48.91
	G. W. Ward.....	do.....	117.90
	do.....	Traveling expenses.....	21.75
	L. S. Depue.....	Bran and meal.....	228.00
	Geo. E. Howard.....	Labels.....	3,250.00
10	Harry D. Paxson et al.....	Salaries.....	1,244.42
	F. D. Ketchum et al.....	do.....	1,091.09
	W. H. Gibbs et al.....	do.....	161.70
	C. H. Zink et al.....	do.....	448.90
	Jas. Fleming et al.....	do.....	1,014.80
	A. F. Martins.....	Traveling expenses.....	11.85
	Allen A. Holcombe.....	do.....	100.50
	H. T. Potter.....	Services.....	6.00
	Morris Wooden.....	do.....	151.60
	A. G. G. Richardson.....	Expenses.....	7.65
	Wm. Thompson.....	do.....	3.05
	Julius Huelson.....	do.....	10.25
	H. H. George.....	do.....	7.17
	Rudolph, West & Co.....	Shovels, etc.....	47.65
	Eimer & Amend.....	Pestle.....	2.30
	Queen & Co., Inc.....	Cover glasses.....	3.00
	do.....	Paraffin, etc.....	6.69
	Union Envelope Co.....	Envelopes.....	79.31
	Henry Heil Chemical Co.....	Peptone, etc.....	21.00
	Whitall, Tatum & Co.....	Droppers.....	4.35
	do.....	Flasks.....	20.67
	F. Bishop & Co.....	Platinum wire.....	4.52
	Mallinckrodt Chemical Co.....	American sulphate.....	13.70
	Fred. A. Schmidt.....	Sealing wax.....	3.00
	do.....	Paper.....	4.50
	R. P. Clarke Co.....	Sheeting.....	1.80
	Barber & Ross.....	Files.....	7.20
	Jas. B. Lambie.....	Brooms, etc.....	25.30
	Edw. Schmid.....	Feed.....	14.00
	do.....	Pigeons.....	.40
	Blum Bros.....	Brushes.....	6.37
	L. G. Orndorff.....	Tubing and bands.....	1.60
	do.....	Reins.....	2.50
	W. H. Kupp & Co.....	Books and ink.....	6.00
	do.....	Glass stoppers.....	2.25
	Mallinckrodt Chemical Works.....	Benzole.....	.50
11	Mamie Trice.....	Hogs.....	21.25
	Harvard Laundry Co.....	Towel service.....	4.70
	Underwood Typewriter Co.....	Repairs.....	15.00
	Geo. D. Markham.....	Hogs.....	60.00
	The Evening News Publishing Co.....	Advertising.....	5.40
	Chicago Car Seal and Manufacturing Co.....	Seals.....	14.50
	G. W. Butler.....	Use horse and buggy.....	30.00
	F. Auerbach & Bro.....	Office rent.....	30.00
	J. R. Stafford.....	Use horse and buggy.....	10.00
	R. G. Merrill.....	do.....	25.00
	Aug. C. Jens.....	do.....	25.00
	E. J. Brooks & Co.....	Seals.....	50.88
	Whirlwind Horse.....	Mare.....	15.00
	Chas. Robertson.....	do.....	20.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 11	F. D. Ketchum	Use horse and buggy	\$25.00
	Jas. J. Brougham	do	40.00
	Geo. A. Myers & Co.	Paper	29.00
	J. R. Brennan	Mare	25.00
	W. S. Goodhue	Office rent	50.00
	Jno. Post	Oats, etc.	44.25
	Old Dominion Paper Co.	Books	8.64
	David Pifferling	Horses	90.00
	The Anderson Lumber Co.	Lumber	215.22
	Samuel E. Bennett	Use horse and buggy	45.00
12	Wm. Lochte	Shoeing horses	12.70
	American Ice Co.	Ice	32.07
	Dan. C. Ayer et al.	Salaries	3,827.08
	Levi P. Beechy et al.	do	441.65
	T. A. Shipley et al.	do	333.72
	A. G. G. Richardson et al.	do	7,621.88
14	Geo. E. Howard	Stamps, etc.	245.85
	L. S. Depue	Oats	480.00
16	Geo. S. Baker et al.	Salaries	422.80
	W. B. Niles et al.	do	546.70
	Chas. Keane et al.	do	547.50
	O. B. Hess et al.	do	417.70
	Clarence Loveberry et al.	do	423.00
	Fredk. Ainsworth et al.	do	372.90
	Joshua Miller et al.	do	255.85
	E. T. Davison et al.	do	939.20
	W. N. Neil et al.	do	709.20
	Wm. Thompson et al.	do	813.50
	N. C. Sorensen et al.	do	1,997.79
	J. B. Clancy et al.	do	4,222.25
	W. J. Stewart et al.	do	4,368.29
	Robt. Darling et al.	do	202.20
	J. C. Milnes et al.	do	210.60
	Herman A. Christman et al.	do	151.90
	M. O. Anderson et al.	do	187.00
	Isetta A. Bell et al.	do	212.91
	W. H. Wray	Expenses	3.21
	Geo. W. Pope	do	4.47
	Matilda Evanson	Services	44.02
	Charlotte R. Grosse	do	30.98
	W. H. Wray	do	387.50
	J. F. Ryder	do	168.50
	Dean G. Cooper	do	117.90
	A. C. Hart	do	117.90
	Geo. W. Butler	do	117.90
	Robt. H. Treacy	do	117.90
	Caroline Burnaby	do	40.00
	Chas. Cowie	do	96.00
	Wm. E. Smith	do	90.00
	W. E. Hill	do	101.10
	Jas. W. Davis	do	75.80
	Jas. Hewes	do	72.00
	M. W. Lang	Traveling expenses	140.51
	Levi Wells	do	155.36
	J. F. Ryder	do	30.00
	W. B. Niles	do	13.65
	W. H. Wray	do	6.72
	Geo. W. Pope	do	5.88
	Chas. M. Day	do	45.60
	Jas. Hewes	do	16.35
	Jno. P. O'Leary	do	9.87
	Wm. C. Honan	do	16.75
	T. P. White	do	4.25
	Thos. W. Oshel	do	7.00
	Ed. H. Webster	do	70.84
	W. D. Collyer	do	32.72
	Clarence Loveberry	do	13.25
	H. D. Mayne	do	6.95
	F. M. Perry	do	9.70
	Geo. S. Baker	do	7.00
	Geo. S. Hickox	do	38.75
	B. F. Van Valkenburgh	do	12.62
	Chas. Pearson	do	15.25
	Louis Metsker	do	27.00
	Jos. W. Parker	do	2.05
	W. J. Fretz	do	55.95
	R. W. Hickman	do	32.40
	Wm. M. MacKeller	do	62.25
	Thos. A. Bray	do	39.95

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 16	Jno. L. Burgett.....	Traveling expenses.....	\$15.50
	Peter I. Kershner.....	do.....	10.35
	Geo. E. Totten.....	do.....	8.75
	W. H. Rose.....	do.....	13.10
	Clarence Loveberry.....	Expenses.....	20.91
	A. B. Morse et al.....	Salaries.....	187.00
17	Jno. C. Lorenzen.....	Use horse, etc.....	35.10
	Albert E. Behnke.....	do.....	35.00
	O. E. Dyson.....	Use saddle horse.....	25.00
	E. T. Davison.....	Use horse, etc.....	38.40
	Don C. Ayer.....	Use horse.....	15.00
	Jas. W. Davis.....	Use horse, etc.....	18.00
	H. W. Hawley.....	do.....	32.00
	Chas. Hubinger.....	Dynamite, etc.....	33.35
	do.....	Gasoline.....	7.50
	Hooper, Lewis & Co.....	Ink, etc.....	3.20
	do.....	Glue, etc.....	9.00
	Chas. Keane.....	Use horse, etc.....	25.00
	S. W. Burt.....	Use horse.....	25.00
	Robt. Darling.....	Use horse, etc.....	25.00
	Trustees of the Milk St. Trust.....	Office rent.....	75.00
	Saml. E. Bennett.....	Expenses.....	4.65
	Jno. A. Sloan.....	Traveling expenses.....	33.45
	Chas. A. Brown.....	do.....	15.40
	C. A. McCall.....	do.....	28.40
	L. J. Allen.....	do.....	39.50
	E. J. Foreman.....	do.....	45.15
	Albert Dean.....	do.....	6.40
	Dan McCuningham.....	do.....	39.60
	Jno. A. Sloan.....	do.....	30.50
	Frank W. Brewer.....	do.....	64.10
	Laomer West.....	do.....	29.50
	L. K. Greene.....	do.....	10.30
	W. R. Dennis.....	do.....	111.50
18	Wm. H. Saylor.....	Services.....	64.00
	F. L. Russell.....	do.....	16.00
	Pennsylvania R. R. Co.....	Passenger transportation.....	20.00
	Jean I. Nelson.....	Traveling expenses.....	19.65
	Wm. D. Jordan.....	do.....	84.00
	E. T. Davison.....	do.....	49.00
19	Southern Rwy. Co.....	Passenger transportation.....	10.00
21	Jas. B. Lambie.....	Steel.....	.55
	D. N. Wallford.....	Shells.....	1.60
	National Mortar Co.....	Lime.....	5.00
	Woodward & Lothrop.....	Soap.....	7.50
	M. G. Copeland Co.....	Flags.....	6.82
	E. Morrison Paper Co.....	Tags.....	2.25
	D. E. Salmon.....	Traveling expenses.....	72.25
22	Tovie A. Geddes.....	Services.....	210.60
	M. E. Knowles.....	do.....	20.00
	E. C. Schroeder.....	Expenses.....	8.84
	W. B. Niles.....	do.....	13.00
	Chas. M. Day.....	do.....	4.30
	H. J. Hammond.....	do.....	81.50
	W. F. Crewe.....	Traveling expenses.....	14.45
	W. W. Worcester.....	do.....	28.50
	W. R. Fleming.....	do.....	27.00
	Wm. Proudfoot.....	do.....	77.00
	M. T. Hascall.....	do.....	5.75
	Jno. McBirney.....	do.....	109.50
	David C. Hanawalt.....	do.....	81.45
	Jno. J. Hayes.....	do.....	54.75
	A. H. Wallace.....	do.....	4.25
	Robt. H. Treacy.....	do.....	47.00
	Wm. J. Muldoun.....	do.....	18.30
	Chas. W. Deming.....	do.....	21.50
	N. L. Townsend.....	do.....	6.25
	W. L. Johnson.....	do.....	24.45
	David R. Hodges.....	do.....	144.75
	M. S. Lantz.....	do.....	64.50
	A. D. Melvin.....	do.....	66.30
	A. J. Pistor.....	do.....	16.25
	N. B. Smith.....	do.....	30.25
	Frank Baker.....	do.....	66.70
	F. O. Pettcy.....	do.....	31.25
	Louis A. Klein.....	do.....	44.35
	Toovie A. Geddes.....	do.....	91.79
	H. J. Hammond.....	do.....	70.25
	Clinton H. Bugbee.....	do.....	112.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903			
Sept. 22	W. F. Pflaeging.....	Traveling expenses.....	\$63.70
	M. A. Farley, jr.....	do.....	107.77
	Jay Merrill.....	do.....	92.40
	Isaac W. O'Rourke.....	do.....	96.25
	Horace H. Collins.....	do.....	71.80
	Lowell Clarke.....	do.....	56.00
	Jno Forbes.....	do.....	49.85
	W. S. Cass.....	do.....	14.50
	R. A. Ramsay.....	do.....	89.25
	A. R. Wake.....	do.....	47.50
	Frank C. Fells.....	do.....	55.35
	Wilber H. Hurst.....	do.....	23.25
	Roy N. Drake.....	do.....	11.25
	E. J. Drake.....	do.....	12.70
	Thos. Redmond.....	do.....	69.80
	Clayton E. Moss.....	do.....	150.25
	Walter E. Howe.....	do.....	29.50
24	P. E. Quinn.....	Services.....	29.35
	W. S. Alexander.....	do.....	45.00
	A. H. Post.....	Sand, etc.....	31.05
	H. B. Keese.....	Seed.....	5.15
	Biddell & Bogart Painters' Supply Co.....	Oil, etc.....	24.18
	The D. Henry Building Co.....	Compo. board.....	17.76
	Milton P. Haywood.....	Sash.....	13.50
	Emil Greiner.....	Rubber stoppers.....	6.25
	T. J. Edwards.....	Services.....	9.10
	Library Bureau.....	Cards.....	7.20
	Queen & Co. (Incorporated).....	Tubes.....	7.20
	Mallinckrodt Chemical Works.....	Iodide, etc.....	3.20
	Bausch & Lomb Optical Co.....	Needles, etc.....	7.03
	F. J. Lamb.....	Corn.....	27.45
	Bert Loomer.....	Mare.....	15.00
	Kny-Scheerer.....	Creolin.....	9.00
	Chicago Car Seal and Manufacturing Co.....	Tags.....	91.00
	W. S. Cass.....	Use horse and buggy.....	34.00
	S. W. McClure.....	Traveling expenses.....	112.75
	Allen A. Holcombe.....	do.....	105.00
	Henry R. McNally.....	do.....	26.25
	Horace H. Collins.....	do.....	66.50
	Ernest N. Hutchinson.....	do.....	78.20
	F. L. Russell.....	do.....	7.25
	W. H. Meadors.....	do.....	92.20
28	H. M. Rowe.....	do.....	90.50
	Isaiah Richards.....	do.....	93.10
	Jno. C. Massie.....	do.....	96.50
	Jacob Leismann.....	do.....	1.45
	J. B. Clancy.....	Expenses.....	3.00
	do.....	do.....	8.00
	Geo. S. Hickox.....	do.....	7.05
	St. Louis National Stock Yards.....	Rent.....	50.00
	Jno. Balmier.....	Mare.....	35.00
	Edison Electric Illuminating Co. of Boston.....	Electric current.....	1.35
	W. J. Kennedy.....	Services.....	100.00
30	Marion Dorset et al.....	Salaries.....	5,670.40
	Total, first quarter.....		208,213.73
Oct 3	S. R. Burch.....	Traveling expenses.....	3.95
	D. E. Salmon.....	do.....	31.15
	Jno. S. Buckley.....	do.....	12.25
	Marion Dorset.....	Expenses.....	17.14
5	Ed. H. Webster.....	Services.....	163.00
	M. W. Lang.....	do.....	146.80
	W. D. Collyer.....	do.....	146.80
	Levi Wells.....	do.....	146.80
	Geo. M. Whitaker.....	do.....	122.20
	Jno. F. Markley.....	do.....	60.60
	B. F. Van Valkenburgh.....	do.....	146.80
6	F. M. Perry.....	do.....	114.20
	W. E. Smith.....	do.....	90.00
	Jas. Irwin.....	do.....	81.60
	F. W. Bicknell.....	do.....	250.00
	W. J. Kennedy.....	do.....	100.00
	G. H. Parks.....	do.....	130.40
	Jos. M. Turner.....	do.....	73.40
	Wm. M. MacKeller.....	do.....	114.20
	Jos. M. Good.....	do.....	114.20
	D. Cumming.....	do.....	85.00
	Wm. H. Wade.....	do.....	73.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 6	W. B. Lincoln	Services	\$114.20
	W. H. Meadors	do	114.20
	Geo. D. Painter	do	97.80
	F. W. Hopkins	do	114.20
	C. L. Morin	do	97.80
	H. D. Mayne	do	97.80
	Walter H. Yingst	do	97.80
	A. A. Holcombe	do	122.20
7	Fredk. Braginton et al.	Salaries	181.00
	L. K. Green et al.	do	309.80
	Trapan A. Shipley et al.	do	327.80
	Geo. Ditewig et al.	do	269.00
	Wilber J. Murphy et al.	do	195.60
	Henry P. Armsley et al.	do	185.00
	Geo. C. Faville et al.	do	285.40
	H. A. Hedrick et al.	do	463.40
	Julius Huelson et al.	do	673.60
	M. K. Pegley et al.	do	254.40
	Edw. P. Dowd et al.	do	181.00
	A. E. Behnke et al.	do	1,204.35
	Albert Dean et al.	do	636.00
	W. P. Ellenberger et al.	do	182.60
	F. W. Huntington et al.	do	133.80
	Thos. A. Bray	Services	122.20
	Peter I. Kershner	do	122.20
	H. B. Adair	do	122.20
	Leslie J. Allen	do	122.20
	Jno. A. Sloan	do	114.20
	Ernest J. Foreman	do	114.20
	Louis Metsker	do	114.20
	Geo. E. Totten	do	114.20
	Geo. W. Browning	do	114.20
	C. A. Clawson	do	114.20
	Louis A. Klein	do	114.20
	Geo. A. Bond	do	114.20
	Nathaniel B. Smith	do	114.20
	R. A. Ramsay	do	114.20
	Clinton H. Bugbee	do	114.20
	Robt. H. Treacy	do	114.20
	J. Otis Jacobs	do	114.20
	Geo. Jerome	do	97.80
	C. A. McCall	do	97.80
	Jno. L. Burgett	do	97.80
	Wm. L. Hiatt	do	97.80
	W. L. Johnson	do	97.80
	Jno. A. Stauffer	do	97.80
	Laomer West	do	97.80
	Theo. S. Rich	do	97.80
	Frank W. Brewer	do	97.80
	Wm. D. Jorden	do	97.80
	Dan. McCuningham	do	97.80
	Albert N. Irwin	do	97.80
	S. W. McClure	do	97.80
	W. F. Crewe	do	97.80
	Chas. Pearson	do	97.80
	A. H. Wallace	do	87.50
	Morris T. Hascall	do	81.60
8	Geo. E. Howard	Labels	3,250.00
9	I. W. Pew	Traveling expenses	13.25
	Jay Merrill	Services	81.60
	Thos. Redmond	do	81.60
	Willard A. Savage	do	122.20
	E. E. Woodward	do	14.68
	F. P. Herron	do	58.80
	H. T. Potter	do	3.00
	Geo. W. Butler	do	114.20
	Wilbur H. Hurst	do	97.80
	Frank Parker	do	97.80
	Wm. Proudfoot	do	81.60
	H. J. Hammond	do	114.20
	W. W. Worcester	do	114.20
	H. H. Collins	do	114.20
	Henry R. McNally	do	97.80
	Wm. F. Pflaeging	do	81.60
	Isaiah Richards	do	81.60
	Thos. J. Lowry	do	81.60
	F. O. Petty	do	81.60
	W. S. Cass	do	114.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 9	N. L. Townsend.....	Services.....	\$114.20
	Ray N. Drake.....	do.....	114.20
	Wm. R. Fleming.....	do.....	114.20
	A. J. Pistor.....	do.....	114.20
	Jno. J. Hayes.....	do.....	114.20
	Thos. White.....	do.....	114.20
	Frank C. Eells.....	do.....	114.20
	I. W. O'Rourke.....	do.....	114.20
	M. S. Lantz.....	do.....	114.20
	Walter E. Howe.....	do.....	114.20
	Alex E. Wight.....	do.....	114.20
	Chas. W. Deming.....	do.....	97.80
	W. F. Jones.....	do.....	97.80
	W. J. Muldoun.....	do.....	97.80
	Jas. E. Ellis.....	do.....	97.80
	R. G. Merrill.....	do.....	73.40
	Jno. A. Kiernan.....	do.....	122.20
	David R. Hodges.....	do.....	81.60
	Jno. C. Massie.....	do.....	81.60
	A. J. Smith.....	do.....	81.60
	Clayton E. Moss.....	do.....	81.60
	Jno. McBirney.....	do.....	130.40
	W. B. Niles et al.....	Salaries.....	488.60
	Louis R. Baker et al.....	do.....	1,092.98
	Wesley N. Niel et al.....	do.....	672.00
	Jas. J. Brougham et al.....	do.....	1,577.40
	W. H. Rose et al.....	do.....	1,150.60
	H. H. George et al.....	do.....	830.20
	A. G. G. Richardson et al.....	do.....	7,856.02
	E. P. Schaffter et al.....	do.....	696.60
	Chas. A. Schauflei et al.....	do.....	1,023.74
	Boyd Baldwin et al.....	do.....	624.32
	Jas. Johnson et al.....	do.....	1,922.95
	B. P. Wende et al.....	do.....	1,866.35
	A. B. Morse et al.....	do.....	181.00
	Harry N. Waller et al.....	do.....	2,888.03
	Geo. W. Pope et al.....	do.....	1,067.91
10	Geo. E. Howard.....	Labels.....	509.30
	Jas. B. Lambie.....	Box pulls.....	6.00
	Woodward & Lothrop.....	Cheese cloth.....	.88
	W. H. Rupp & Co.....	Files.....	2.50
	Francis Miller.....	Glass.....	5.60
	Harvard Laundry Co.....	Towel service.....	4.67
	Geo. D. Markham.....	Hogs.....	212.50
	do.....	Cattle.....	40.00
	Rudolph, West & Co.....	Locks, etc.....	27.20
	Washington Gaslight Co.....	Gas.....	31.90
	do.....	do.....	39.30
	Potomac Electric Co.....	Current.....	47.58
	do.....	do.....	56.71
12	Thos. R. Riley.....	Windows.....	18.55
	National Electrical Supply Co.....	Motor.....	37.00
	Barber & Ross.....	Vise, etc.....	12.00
	E. G. Schafer & Co.....	Nipples, etc.....	8.86
	Edw. S. Schmid.....	White mice.....	3.00
	Lutz & Co.....	Repairing harness.....	3.25
	Chas. R. Edmonston.....	Sauce pot, etc.....	14.10
	A. W. Wilson & Bro.....	Coal.....	529.56
	F. W. Balgiano & Co.....	Seed.....	6.80
	R. P. Andrews & Co. (Incorporated).....	Paste.....	7.35
	David Piferling.....	Horse.....	45.00
	The M. Lindsay Rubber Co.....	Sheeting.....	1.00
	Wm. Lochte.....	Shoeing horses.....	12.85
	L. G. Orndorff.....	Harrow, etc.....	20.50
	O. E. Dyson et al.....	Salaries.....	9,422.72
	V. S. Brown et al.....	do.....	2,540.26
	Jas. Fleming et al.....	do.....	998.20
	Harry D. Paxson et al.....	do.....	1,179.56
	M. O. Anderson et al.....	do.....	181.00
	Chas. H. Zink et al.....	do.....	435.60
	Richd. J. Blanche et al.....	do.....	122.20
	Walter J. Stewart et al.....	do.....	4,759.95
	Niels C. Sorensen et al.....	do.....	2,091.33
	Geo. S. Hickox et al.....	do.....	888.60
14	N. H. Shea.....	Soapine.....	1.44
	Thos. Somerville & Sons.....	Repairing pump.....	5.10
	E. H. Webster.....	Transportation.....	2.65
	Church & Stephenson.....	Lumber.....	65.00
	Chas. A. Schaufier.....	Using horse, etc.....	105.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 16	Wm. H. Saylor	Services	\$56.00
	W. P. Ellenberger	Expenses	3.38
	E. C. Schroeder	do.	7.00
	H. H. George	do.	18.78
	Fred J. Goebel	do.	5.55
	Hiram Jerome	do.	9.40
	H. A. Hedrick	do.	12.20
	Geo. C. Faville	do.	21.45
	Jno. R. Mohler	do.	3.00
	W. H. Rose	do.	19.70
	Ephraim Deitrich	do.	4.50
	Louis Abel	do.	5.00
	Harry N. Waller	do.	12.18
	B. P. Wende	do.	135.00
	Wm. C. Wootton	Traveling expenses	13.85
	Geo. M. Whittaker	do.	109.07
	Ed. H. Webster	do.	68.01
	Joseph M. Good	do.	94.96
	Wm. P. Ellenberger	do.	12.46
	Chas. Cowie	do.	17.65
	Geo. M. Rommel	do.	18.08
	R. W. Hickman	do.	4.25
	W. N. D. Bird	do.	15.75
	W. B. Lincoln	do.	13.90
	B. P. Wende	do.	5.10
	do.	Expenses	1.85
19	F. W. Ainsworth et al.	Salaries	328.61
	Wm. Thompson et al.	do.	768.33
	F. D. Ketchum et al.	do.	1,113.40
	Chas. Keane et al.	do.	530.00
	Don C. Ayer et al.	do.	3,786.83
	Geo. S. Baker et al.	do.	406.92
	F. L. DeWolf et al.	do.	254.40
	E. T. Davison et al.	do.	860.60
	J. C. Milnes et al.	do.	203.80
	Levi P. Beechy et al.	do.	536.71
	J. C. Blackwell et al.	do.	3,069.52
	Jas. S. Kelly et al.	do.	195.60
	Joshua Miller et al.	do.	254.40
	O. B. Hess et al.	do.	404.60
	Robt. Darling et al.	do.	195.60
	W. H. Gibbs et al.	do.	156.60
	Clarence Loveberry et al.	do.	502.61
	J. B. Clancy et al.	do.	4,024.78
	Dennie H. Udall	Services	13.04
	Katie A. Murphy	do.	16.30
	Jas. C. Exline	do.	43.04
	Dean G. Cooper	do.	114.20
	W. E. Hill	do.	97.80
	Caroline Burnaby	do.	40.00
	W. H. Wray	do.	375.00
	G. W. Ward	do.	114.20
	Tooeie A. Geddes	do.	203.80
	Bessie M. Healy	do.	49.00
	Jas. Hewes	do.	90.00
	J. F. Ryder	do.	163.00
	Jno. A. Bell	do.	56.00
	Jas. W. Davis	do.	73.40
	Louis P. Cook	do.	30.43
	Jennie M. Shufeldt	do.	14.67
	E. L. Sturdevant	do.	33.26
	Geo. S. Hickox	Expenses	8.00
	L. K. Green	do.	10.29
	Clarence Loveberry	do.	23.50
	O. B. Hess	do.	10.25
	E. T. Davison	do.	3.00
	Clarence Loveberry	do.	11.23
	W. H. Wray	do.	54.11
	W. B. Niles	do.	59.20
	Jas. Hewes	Traveling expenses	18.94
	Albert N. Irwin	do.	33.10
	W. D. Collyer	do.	76.55
	Alex. A. Wight	do.	61.75
	W. L. Hiatt	do.	3.55
	Chas. Pearson	do.	13.50
	Chas. W. Fagle, Jr.	do.	2.25
	Geo. A. Bond	do.	70.50
	Warren J. Fretz	do.	85.80
	Benj. Howes	do.	6.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 19	M. A. Farley, jr.	Traveling expenses	\$85.90
	J. F. Ryder	do.	30.00
	M. A. Lantz	do.	56.25
	O. B. Hess	do.	9.10
	W. H. Wray	do.	38.98
	Roy N. Drake	do.	54.25
	Russell G. Merrill	do.	2.00
	F. L. Russell	do.	24.10
	F. M. Perry	do.	5.70
	Geo. Jerome	do.	14.48
	Clarence J. Clawson	do.	45.20
	Laomer West	do.	35.65
	Arch. H. Wallace	do.	5.65
	Theo. S. Rich	do.	20.55
	Wm. M. Mackellar	do.	36.35
	Dan McCuningham	do.	59.15
	W. C. Hanan	do.	16.95
	Wm. F. Pflaeging	do.	62.25
	W. B. Niles	do.	7.23
	Ernest N. Hutchinson	do.	84.30
	Harry M. Ball	do.	6.10
	Geo. S. Baker	do.	7.00
	Jno. McBirney	do.	95.50
	Henry R. McNally	do.	35.75
	David R. Hodges	do.	106.00
	Western L. Johnson	do.	20.45
	Jno. F. Roe	do.	5.05
	Wm. F. Jones	do.	10.20
	A. J. Pistor	do.	20.95
	Lowell Clarke	do.	44.35
	Wm. D. Jorden	do.	88.45
	Jno. A. Stauffer	do.	8.05
	Peter I. Kershner	do.	11.80
	E. T. Davison	do.	52.32
	M. E. Knowles	do.	55.50
	Clarence Loveberry	do.	23.55
	Thos. A. Bray	do.	3.50
	Clarence A. Brown	do.	30.30
	Jno. A. Sloan	do.	6.00
	M. M. Welch	do.	2.50
	Geo. S. Hickox	do.	54.90
21	Eimer & Amend	Pyridine, etc.	15.20
	Saml. E. Bennett	Use horse and buggy	45.00
	F. L. Russell	Services	56.00
	Chas. Cowie	do.	128.00
	E. A. McDonald	do.	96.00
	Edw. P. Dowd	do.	1.00
	A. E. Behnke	Expenses	18.87
	Louis R. Baker	do.	32.74
	Saml. E. Bennett	do.	5.25
	Geo. W. Pope	do.	8.53
	Julius Huelsen	do.	7.80
	Chas. M. Day	do.	133.00
	Nathl. K. Fegley	do.	7.65
	do.	do.	15.00
	do.	do.	8.00
	N. C. Sorensen	do.	12.68
	Fredk. Braginton	do.	1.00
	Boyd Baldwin	do.	5.12
	Dean G. Cooper	do.	1.25
	T. A. Shipley	do.	9.86
	Joshua Miller	do.	6.81
	Jas. J. Brougham	do.	21.85
	O. F. Dyson	do.	22.29
	Chas. A. Schauffer	do.	36.47
	Jas. E. Ellis	Traveling expenses	45.45
	W. R. Fleming	do.	24.00
	H. A. Hedrick	do.	2.00
	W. J. Cass	do.	6.75
	Stephen G. Gillett	do.	24.70
	Geo. W. Pope	do.	9.16
	Geo. C. Moser	do.	11.20
	Willis G. Benner	do.	10.80
	Geo. H. Woolfolk	do.	5.60
	Saml. Sommerville, jr.	do.	4.95
	Geo. A. Henvey	do.	2.15
	Jno. A. Kiernan	do.	71.95
	Ernest J. Foreman	do.	47.95
	E. A. McDonald	do.	38.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 21	Chas. M. Day.....	Traveling expenses	\$34.00
	R. A. Ramsay.....	do	100.50
	A. J. Smith.....	do	124.75
	Albert R. Koen.....	do	5.70
	Walter E. Howe.....	do	20.00
	Joseph W. Parker.....	do	4.20
	B. F. Van Valkenburgh.....	do	10.52
	N. B. Smith.....	do	46.25
	Albert N. Irwin.....	do	75.50
	do.....	do	34.30
	Albert L. Pitney.....	do	7.20
	Albert Dean.....	do	20.25
	W. A. Bitner.....	do	16.25
	Jno. J. Hayes.....	do	52.75
	David C. Hanawalt.....	do	84.20
22	Herman R. Ryder.....	do	14.65
	Jno. C. Massie.....	do	86.50
	Louis A. Klein.....	do	31.50
	E. L. Volgenan.....	do	8.75
	A. D. Melvin.....	do	72.60
	Wilbur H. Hurst.....	do	34.50
	W. R. Dennis.....	do	101.00
	G. W. Ward.....	do	23.70
	Levi Wells.....	do	45.34
	Jno. Forbes.....	do	63.95
	W. H. Meadors.....	do	90.45
	A. A. Holcombe.....	do	49.62
	M. W. Lang.....	do	118.53
	F. O. Pettet.....	do	74.75
	Frank C. Eells.....	do	59.50
	W. H. Yingst.....	do	12.05
	Jno. L. Burgett.....	do	8.75
	W. F. Crewe.....	do	26.00
	W. S. Cass.....	Use horse and buggy.	34.00
	The Kansas City Stock Yards Co.....	Rent.....	45.00
	The Dispatch Printing Co.....	Advertising.....	2.64
	E. J. Brooks & Co.....	Seals, etc.....	126.38
	Omaha Printing Co.....	Bath.....	7.50
	H. T. Braddock.....	Mare.....	35.00
	Dunn & Lemmon.....	Advertising.....	1.80
	Maryland Telephone and Telegraph Co.....	Service.....	12.00
	Oregon Statesman.....	Advertising.....	2.30
	The Real Estate Improvement Co.....	Rent.....	56.25
	The Chesapeake and Potomac Telephone Co.....	Service.....	12.00
	Silver Laundry and Towel Co.....	do.....	8.05
	J. E. Blackwell.....	Horse hire.....	54.00
	Chas. Hubinger.....	Dynamite caps.....	8.03
	do.....	Gasoline.....	7.95
	Thos. A. Bray.....	Use saddle horse.....	75.00
	Robt. Darling.....	Use horse and buggy.....	25.00
	Chas. Keane.....	do.....	25.00
	New York and New Jersey Telephone Co.....	Service.....	14.50
	Nebraska Telephone Co.....	do.....	13.50
	Frontier Towel Supply.....	do.....	10.02
	N. Rufus Gill.....	Rent.....	31.25
	The Capital Journal Co.....	Advertising.....	2.30
	Wehawken Stock Yard Co.....	Telephone service.....	9.75
	Glynn & Smith.....	Services.....	10.75
	Geo. W. Butler.....	Use horse and buggy.....	30.00
	Iowa Telephone Co.....	Service.....	12.00
	Belt R. R. and Stock Yard Co.....	Rent.....	30.00
	Fowler Manufacturing Co.....	Towel service.....	4.76
	E. T. Davison.....	Use horse and buggy.....	27.20
	Armstrong Laundry.....	Service.....	2.93
	Jas. W. Davis.....	Use horse and buggy.....	18.00
	Sioux City Stock Yards Co.....	Rent.....	60.00
	Edison Electric Illuminating Co.....	Electric lighting.....	1.04
	East Buffalo Live Stock Exchange Co.....	Rent.....	90.00
	Bourbon Stock Yard Co.....	do.....	30.00
	Jos. Hiatt.....	Pigs.....	54.25
	Fred Ashley.....	do.....	30.00
	The Morning Olympian.....	Advertising.....	1.10
	Grand Trunk Railway System.....	Rent.....	37.50
	Jas. J. Brougham.....	Use horse and buggy.....	40.00
	Combe Printing Co.....	Repairing press.....	4.25
	do.....	Ink.....	4.40
	C. Deaderick.....	Rent.....	30.00
	Jas. Stikeman.....	do.....	125.00
	Missouri and Kansas Telephone Co.....	Service.....	12.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 22	Oklahoma State Capital.	Advertising	\$1.65
	Louis A. Klein.	Saddle horse.	75.00
	R. W. Burrell.	Pipes, etc.	46.85
	South St. Joe Coal Co.	Ice.	6.00
	Underwood Typewriter Co.	Repairing typewriter	4.50
	St. Joseph Stock Yards Co.	Rent.	135.00
	Wm. D. Jordan.	Use saddle horse.	75.00
	New Telephone Co.	Service.	20.00
	New England Telephone and Telegraph Co.	do.	40.50
	do.	do.	12.50
	Emma Curran, administratrix.	Rent.	21.00
	J. C. Endicott.	Water.	3.90
	Kansas City Stock Yards Co.	Rent.	66.00
	The J. A. Van Winkle Co.	Screws, etc.	5.20
	Mendenhall Transfer Co.	Transportation	4.05
	Sunset Telegraph and Telephone Co.	Service.	10.50
	Cutler & Neilson Paint and Color Co.	Paint.	9.70
	J. R. Stafford.	Use horse and buggy	10.00
	Missouri and Kansas Telephone Co.	Service.	24.00
	Emil Greiner.	Stoppers, etc.	8.30
	Library Bureau.	Cards.	10.55
	The D. Henry Building Co.	Labor and material.	7,563.14
	Queen & Co. (Incorporated).	Drugs.	3.60
	do.	Dishes, etc.	14.94
23	Edgar Firethunder.	Mare.	45.00
	United States Envelope Co.	Envelopes.	57.00
	Francis Miller.	Glass.	1.68
	American Ice Co.	Ice.	29.10
	A. Wilson & Bros.	Stone.	67.41
	L. S. Depue.	Corn, etc.	585.50
	The Cincinnati Union Stock Yards Co.	Rent.	45.00
	Emma J. Adams et al.	do.	120.00
	Jno. Post.	Oats and bran.	35.50
	W. A. Bitner.	Services.	58.80
	Albert Dean.	Expenses.	10.23
	C. L. Morin.	Traveling expenses	8.65
	Louis Metsker.	do.	32.75
	Morris T. Hascall.	do.	28.25
	Horace H. Collins.	do.	49.50
	H. D. Mayne.	do.	8.25
	Henry F. Alvord.	do.	55.42
	Duncan Stuart.	do.	16.70
24	St. Louis National Stock Yards.	Rent.	50.00
	T. F. Rodgers, agent.	do.	52.50
	F. Auerbach & Bro.	do.	30.00
	Gahn & Byrne.	do.	675.00
	Trustees of the Milk Street Trust.	do.	75.00
	Jno. S. Martin & Co.	do.	126.00
	W. S. Goodhue.	do.	50.00
	Union Stock Yards and Transit Co.	do.	375.00
	S. W. Burt.	Use horse.	25.00
	Rocky Mountain Bell Telephone Co.	Service.	22.50
	W. S. Matson.	Syringes, etc.	19.50
	R. G. Merrill.	Use horse and buggy	25.00
	The Continental Creamery Co.	Butter.	49.95
	W. G. Hemming & Son.	Painting.	25.00
	Jno. C. Lorenzen.	Use horse and wagon.	35.10
	American Linen Supply Co.	Service.	3.00
	Aug. C. Jens.	Use horse and buggy	25.00
	Olive M. Routzong.	Service.	3.00
	Albert E. Behnke.	Use horse and buggy	35.00
	The Bell Telephone Co. of Philadelphia.	Service.	40.00
	H. A. Hedrick.	Use horse and buggy	12.00
	A. P. Little.	Mimeograph.	2.25
	ulf Refining Co.	Oil.	261.60
	W. I. Brooke.	Repairs to hay cutter.	5.60
	Quackenbush & Son.	Forge, etc.	34.08
	Leonard Pearson.	Service.	300.00
	The New York and New Jersey Telephone Co.	Use horse.	18.15
	Don C. Ayer.	Cheese.	15.00
	A. B. Hargrave.	Letterpress.	12.54
	J. S. Stott.	Use horse and buggy.	9.15
	F. D. Ketchum.	Use horse and buggy.	25.00
	Miller Lock Co.	Locks.	14.00
	W. E. Pratt.	Hog rings.	70.00
	S. M. Birch Lumber Co.	Lumber.	19.24
	T. A. Carlson.	Mare.	15.00
	Jack Red Cloud.	do.	17.50
	The Consumers Co.	Ice.	31.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 24	The Consumers Co.	Water.	\$1.50
	Chicago Towel Supply Co.	Service.	83.85
	Hiram W. Hawley.	Use horse and buggy.	32.00
	Stock Yard Hardware Paint Co.	Paper, etc.	11.41
	Chicago Telephone Co.	Service.	43.75
	O. E. Dyson.	Use saddle horse.	25.00
	Jno. Underwood & Co.	Carbon paper.	9.40
	A. G. G. Richardson.	Expenses.	13.64
	H. M. Rowe.	do.	9.00
	The Republican Publishing Co.	Advertising.	2.20
	Independent Publishing Co.	do.	2.04
	Gommel Statesman Publishing Co.	do.	5.50
	New Mexican Printing Co.	do.	2.00
	Salt Lake Tribune.	do.	2.42
	Frank P. Mac Lellan.	do.	1.05
	Register and Leader Co.	do.	1.34
	Levi J. Allen.	Traveling expenses.	65.65
	S. W. McClure.	do.	67.10
	F. W. Hopkins.	do.	50.95
	Thos. White.	do.	14.50
	Geo. E. Totten.	do.	26.00
	Geo. D. Painter.	do.	21.23
	Frank W. Brewer.	do.	62.20
	Geo. P. McCabe.	do.	3.60
	Clayton E. Moss.	do.	148.50
26	Thos. D. Anderson.	Services.	37.17
27	H. M. Rowe.	Traveling expenses.	90.25
	W. W. Worcester.	do.	60.00
	Robt. H. Treacy.	do.	55.90
	Clinton H. Bugbee.	do.	107.25
	Wm. Proudfoot.	do.	64.75
	D. F. Parker.	do.	52.10
	Harry S. Newlove.	do.	6.90
	Ed. C. Joss.	do.	1.50
	M. M. Welch.	do.	4.00
	Jos. M. Good.	do.	100.84
	Jno. Callahan.	Services.	37.50
	Harry F. Hume.	do.	58.80
28	The Chesapeake and Potomac Telephone Co.	Service.	103.31
	Henry Heil Chemical Co.	Peptone, etc.	7.50
	Mackall Bros.	Vials.	167.76
	National Mortar Co.	Cement.	52.50
31	S. E. Bennett.	Use horse and buggy.	29.00
	do.	do.	5.80
	Southern Railway Co.	Passenger transportation.	6.66
	do.	do.	19.15
	Burlington and Missouri River Railroad.	do.	80.00
	Louisville and Nashville Railroad Co.	do.	15.75
	Chicago and Alton Railway Co.	do.	7.50
	Northern Pacific Railway Co.	do.	13.95
	Chicago and Northwestern Railway Co.	do.	40.50
	Chicago, Milwaukee and St. Paul Railway Co.	do.	6.11
	Baltimore and Ohio Railroad Co.	do.	17.00
	Southern Railway Co.	do.	29.56
	Union Pacific Railroad Co.	do.	18.00
	do.	do.	16.90
	Pennsylvania Railroad Co.	do.	6.50
	Grand Trunk Railway.	do.	3.40
	Chicago, Milwaukee and St. Paul Railway Co.	do.	14.11
	Michigan Central Railroad Co.	do.	5.00
	Nashville, Chattanooga and St. Louis Railway Co.	do.	7.40
	Marion Dorsett et al.	Salaries.	5,788.31
Nov. 2	Mary Lynch.	Services.	25.00
	The Bay State Clean Towel Co.	Service.	3.75
3	W. R. Dennis.	Traveling expenses.	76.00
	H. J. Hammond.	do.	52.50
	W. H. Saylor.	do.	37.50
	Henry E. Alvord.	Expenses.	8.25
	Fredk. W. Ainsworth.	do.	31.00
	do.	do.	10.30
4	Geo. J. Martin.	Pigs.	160.00
	Lutz & Co.	Harness.	80.00
	A. A. Timson.	Pigs.	154.80
	Levi Wells.	Services.	151.60
	M. W. Lang.	do.	151.60
	B. F. Van Valkenburgh.	do.	151.60
	W. D. Collyer.	do.	151.60
	Geo. M. Whitaker.	do.	126.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 4	Ed. H. Webster	Services	\$168.50
	F. M. Perry	Traveling expenses	11.85
	Saml. E. Bennett	do	16.11
	Wm. C. Siegmund	do	2.45
	Henry Roome	do	2.25
	Geo. M. Rommel	do	59.30
5	Geo. F. Thompson	do	16.65
	do	do	55.25
	Wm. H. Meadors	Services	117.90
	F. W. Hopkins	do	126.40
	Wm. L. Hiatt	do	101.10
	D. Cumming	do	95.00
	Jas. Hewes	do	90.00
	Leslie J. Allen	do	126.40
	Wm. M. MacKellar	do	117.90
	Louis A. Klein	do	117.90
	W. D. Jorden	do	101.10
	Jno. A. Stauffer	do	101.10
	Jno. L. Burgett	do	101.10
	Frank W. Brewer	do	117.90
	H. B. Adair	do	126.40
	Chas. Pearson	do	101.10
	A. N. Irwin	do	117.90
	Geo. W. Browning	do	117.90
	Jos. M. Good	do	117.90
	W. B. Lincoln	do	117.90
	Walter H. Yingst	do	101.10
	Jos. M. Turner	do	75.80
6	F. M. Perry	do	117.90
	U. G. Houck	do	151.60
	Granville H. Parks	do	134.80
7	J. Otis Jacobs	Traveling expenses	99.25
	do	do	100.55
	Isaac W. O'Rourke	do	80.25
	E. H. Hutchinson	do	40.60
	W. C. Honan	do	17.95
	M. G. Copeland Co.	Flag	3.41
	Harvard Laundry Co.	Towel service	6.39
	Remington Typewriter Co.	Typewriter	90.00
	do	Copy holder	4.50
	Underwood Typewriter Co.	Repairing typewriter	7.50
	Jas. K. Probey	Wagon pole	9.00
	F. P. May & Co.	Traps	1.69
	Dulin & Martin Co.	Boiler	3.61
	Chas. A. Schaulfer et al.	Salaries	1,161.27
	Geo. C. Faville et al.	do	294.80
	Geo. W. Pope et al.	do	985.92
	Robert Darling et al.	do	202.20
	M. O. Anderson et al.	do	187.00
	L. K. Green et al.	do	320.10
	W. H. Gibbs et al.	do	161.70
	Trojan A. Shipley et al.	do	338.60
	Joshua Miller et al.	do	380.70
	Levy P. Beehey et al.	do	546.70
	C. H. Zink et al.	do	449.70
	J. J. Brougham et al.	do	1,628.80
	F. W. Ainsworth et al.	do	393.25
	Harrison H. George et al.	do	781.60
	Henry Roome et al.	do	747.73
	A. E. Behnke et al.	do	1,290.40
	B. P. Wende et al.	do	1,931.49
	Edw. P. Dowd et al.	do	187.00
	Fredk. Bragington et al.	do	187.00
	Jas. S. Kelly et al.	do	202.20
	W. J. Murphy et al.	do	202.20
	Julius Huelsen et al.	do	695.70
	F. L. De Wolf et al.	do	262.80
	Nathan K. Pegley et al.	do	262.80
	Geo. Ditewig et al.	do	275.00
	W. P. Ellenberger et al.	do	188.70
	F. W. Huntington et al.	do	155.10
	R. J. Blanche et al.	do	187.00
	Boyd Baldwin et al.	do	622.29
	H. A. Hedrick et al.	do	478.30
	W. B. Niles et al.	do	533.70
	Albert Dean et al.	do	793.40
	E. P. Schaffter et al.	do	734.44
	Wesley N. Neil et al.	do	694.00
	Geo. S. Hickox et al.	do	867.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 7	Lewis R. Baker et al.	Salaries	\$1,142.00
	W. H. Rose et al.	do.	1,188.45
	Henry P. Armsby et al.	do.	190.00
	J. Otis Jacobs.	Services	117.90
	W. F. Crewe.	do.	101.10
	Geo. A. Bond.	do.	117.90
	Frank Parker.	do.	101.10
	Isaac W. O'Rourke.	do.	117.90
	Thos. White.	do.	117.90
	R. H. Treacy.	do.	117.90
	H. L. Townsend.	do.	117.90
	Geo. W. Ward.	do.	117.90
	F. P. Herron.	do.	60.60
	H. D. Mayne.	do.	101.10
	Jas. E. Ellis.	do.	101.10
	Frank C. Eells.	do.	117.90
	Roy N. Drake.	do.	117.90
	A. J. Pistor.	do.	117.90
	Russell G. Merrill.	do.	75.80
	Wm. Phlaegging.	do.	84.20
	F. O. Petty.	do.	84.20
	Jno. McBirney.	do.	134.80
	Thos. J. Lowry.	do.	84.20
	M. S. Lantz.	do.	117.90
	Wm. F. Jones.	do.	101.10
	Geo. E. Totten.	do.	117.90
	Theo. S. Rich.	do.	101.10
	Loamer West.	do.	101.10
	Jas. W. Parker.	do.	117.90
	Chas. A. McCall.	do.	117.90
	Louis Metsker.	do.	117.90
	E. I. Kershner.	do.	126.40
	E. J. Foreman.	do.	117.90
	Clarence A. Clawson.	do.	117.90
	Dan McCuningham.	do.	101.10
	Geo. Jerome.	do.	101.10
	Western L. Johnson.	do.	117.90
	Jno. Forbes.	do.	134.80
	Jno. A. Sloan.	do.	117.90
	Thos. A. Bray.	do.	126.40
	Jas. W. Davis.	do.	75.80
	Clayton E. Moss.	do.	84.20
	Dean G. Cooper.	do.	117.90
	Jno. C. Massie.	do.	84.20
	Geo. W. Butler.	do.	117.90
	Wm. Proudfoot.	do.	84.20
	A. A. Holcombe.	do.	126.40
	F. W. Bicknell.	do.	250.00
	Wm. H. Wade.	do.	75.80
	C. L. Morin.	do.	101.10
	H. T. Potter.	do.	25.00
	Chas. Cowie.	do.	96.00
	Alex. E. Wight.	do.	117.90
	W. W. Worcester.	do.	117.90
	A. J. Smith.	do.	84.20
	Jay Merrill.	do.	84.20
	Henry R. McNally.	do.	101.10
	S. W. McClure.	do.	101.10
	Morris T. Hascall.	do.	84.20
	Jno. A. Kiernan.	do.	126.40
	Jno. A. Bell.	do.	24.00
	W. J. Kennedy.	do.	100.00
	Jas. Irwin.	do.	84.20
	Isaiah Richards.	do.	84.20
	R. A. Ramsay.	do.	117.90
	W. H. Hurst.	do.	101.10
	Walter C. Howe.	do.	117.90
	David R. Hodges.	do.	84.20
	W. R. Fleming.	do.	117.90
	Jno. J. Hayes.	do.	117.90
	H. J. Hammond.	do.	117.90
	Chas. W. Deming.	do.	101.10
	Clinton H. Bugbee.	do.	117.90
	W. S. Cass.	do.	117.90
	H. H. Collins.	do.	117.90
10	A. R. Burch.	Traveling expenses.	147.32
	R. W. Hickman.	do.	166.05
13	J. E. Blackwell et al.	Salaries	3,401.42
	W. H. Saylor.	Services	72.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903			
Nov. 13	Ed. H. Webster.	Traveling expenses	\$107.31
	Thos. R. Riley.	Lumber.	17.50
	Old Dominion Paper Co.	Memorandum books.	8.64
	J. Geo. Smith.	Pencils.	9.00
14	Barber & Ross.	Tacks.	3.25
	Robt. Darling.	Use horse and buggy.	25.00
16	Chas. M. Day.	Expenses	194.75
	Geo. S. Hickox.	do.	10.35
	W. J. Muldoun.	Services.	101.10
	J. F. Ryder.	do.	168.50
	Nathaniel B. Smith.	do.	117.90
	Isaiah Richards.	Traveling expenses	100.35
	W. W. Worcester.	do.	71.50
	R. A. Ramsay.	do.	88.00
	M. S. Lantz.	do.	69.00
	A. J. Pistor.	do.	13.90
	Clayton E. Moss.	do.	153.25
	F. L. Russell.	do.	45.88
	E. T. Davison.	do.	24.15
	Walter E. Howe.	do.	61.45
	Jno. R. Mohler.	do.	367.33
	Jno. McBriney.	do.	117.00
	Geo. A. Bond.	do.	51.50
	W. S. Cass.	do.	20.75
	S. W. McClure.	do.	90.90
17	E. A. de Schweinitz.	Expenses	9.99
	Jno. R. Mohler.	do.	3.00
	Wm. E. Smith.	Services.	90.00
	Geo. T. Hanton.	do.	22.01
	W. E. Hill.	do.	101.10
	C. E. Gray.	do.	75.00
	Helen E. O'Brien.	do.	4.89
	Caroline Burnaby.	do.	40.00
	F. L. Russell.	do.	80.00
	W. H. Wray.	do.	387.50
	Toole A. Geddes.	do.	210.60
	Jno. Callahan.	do.	40.50
	Harry F. Hume.	do.	60.60
	Henry E. Pieper.	do.	19.57
	W. A. Savage.	do.	44.84
	Wm. E. Smith.	do.	6.15
	Wm. D. Collyer.	Traveling expenses	100.11
	Thos. Redmond.	do.	74.00
	Warren J. Fretz.	do.	81.20
	M. W. Lang.	do.	46.57
	David C. Hanawalt.	do.	85.20
	Jno. J. Hayes.	do.	97.50
	W. F. Crewe.	do.	77.75
	Levi Wells.	do.	93.06
	W. H. Meadors.	do.	87.55
	A. D. Melvin.	do.	101.05
	Isaiah Richards.	do.	107.60
	F. O. Petty.	do.	100.50
	Henry R. McNally.	do.	51.00
	Geo. D. Painter.	do.	91.25
	A. G. G. Richardson et al.	Salaries.	8,183.20
	Don C. Ayer et al.	do.	4,052.81
	Jas. Johnston et al.	do.	2,389.76
	H. N. Waller et al.	do.	2,938.18
	O. E. Dyson et al.	do.	9,599.42
	Clarence Loveberry et al.	do.	510.80
	Geo. S. Baker et al.	do.	422.40
	Niels C. Sorensen et al.	do.	2,165.18
	A. B. Morse et al.	do.	187.00
	W. J. Stewart et al.	do.	3,431.45
	O. B. Hess et al.	do.	417.70
	F. D. Ketchum et al.	do.	1,163.90
	Jas. Fleming et al.	do.	1,030.40
	J. C. Milnes et al.	do.	210.60
	Virgil L. Brown et al.	do.	2,692.05
	Chas. Keane et al.	do.	547.50
	Harry D. Paxson et al.	do.	1,246.98
	J. B. Claney et al.	do.	4,328.74
18	Willis B. Lincoln.	Traveling expenses	49.24
	Wm. J. Muldoun.	do.	46.60
	Louis A. Klein.	do.	47.20
	Chas. M. Day.	do.	33.90
	Theo. S. Rich.	do.	32.85
	A. A. Holcombe.	do.	55.69

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 18	W. B. Niles.....	Traveling expenses.....	\$17.42
	Clarence Loveberry.....	do.....	50.44
	M. T. Hascall.....	do.....	46.00
	Wm. F. Jones.....	do.....	9.75
	Alex. E. Wight.....	do.....	42.55
	Jas. E. Ellis.....	do.....	41.00
	Stephen D. Gillett.....	do.....	4.90
	A. R. Wake.....	do.....	38.75
	G. W. Ward.....	do.....	41.00
	Allen A. Holcombe.....	Expenses.....	1.50
	Chas. M. Day.....	do.....	13.00
	Clarence Loveberry.....	do.....	15.75
	W. B. Niles.....	do.....	17.00
	Julius Huelson.....	do.....	7.50
	E. T. Davison.....	do.....	4.42
	A. G. G. Richardson.....	do.....	4.75
	Eimer & Amend.....	Alum, etc.....	23.49
	....do.....	Compens ocular, etc.....	208.44
	Geo. W. Humbert.....	Services.....	40.00
	Warren J. Pretz et al.....	Salaries.....	670.40
19	Geo. S. Hickox.....	Traveling expenses.....	22.56
	Thos. Redmond.....	do.....	119.45
	Chas. Pearson.....	do.....	24.90
	Geo. S. Baker.....	do.....	7.00
	Wilber H. Hurst.....	do.....	37.25
	Wm. F. Pflaeging.....	do.....	51.85
	W. R. Fleming.....	do.....	24.25
	Frank C. Eells.....	do.....	85.20
	Roy N. Drake.....	do.....	106.25
	Clinton H. Bugbee.....	do.....	116.75
	J. Wm. Fink.....	do.....	11.65
	Jas. Hewes.....	do.....	17.90
	H. T. Potter.....	do.....	6.00
	Jno. A. Bell.....	do.....	23.34
	E. L. Volgenan.....	do.....	16.58
	Chas. Cowie.....	do.....	6.25
	C. L. Morin.....	do.....	10.65
	N. L. Townsend.....	do.....	12.00
	Toole A. Geddes.....	do.....	69.17
	Geo. C. Moser.....	do.....	5.15
	H. D. Mayne.....	do.....	3.25
	Chas. W. Deming.....	do.....	15.50
	Geo. W. Pope.....	do.....	6.97
	W. H. Wray.....	do.....	4.01
	Wm. C. Stegmund.....	do.....	6.40
	J. F. Ryder.....	do.....	30.00
	U. G. Houck.....	do.....	85.73
	B. F. Van Valkenburg.....	do.....	13.00
	Wm. D. Jorden.....	do.....	55.75
	Adolph Eichhorn.....	do.....	14.10
	Thos. A. Bray.....	do.....	14.85
	Jas. H. Copeland.....	do.....	14.70
	H. H. George.....	Expenses.....	4.97
	Boyd Baldwin.....	do.....	5.62
	Toole A. Geddes.....	do.....	7.39
	Geo. W. Pope.....	do.....	1.65
	W. H. Wray.....	do.....	3.69
	....do.....	do.....	18.48
	F. L. De Wolf.....	do.....	.66
	E. C. Schroeder.....	do.....	7.73
	W. H. Rose.....	do.....	15.15
	Geo. E. Howard.....	Labels.....	382.75
	....do.....	do.....	3,250.00
	Leidy S. Depue.....	Meal and bran.....	225.00
	Chas. W. Deming.....	Traveling expenses.....	14.90
	Frank W. Brewer.....	do.....	46.80
	A. N. Irwin.....	do.....	78.00
	C. A. Clawson.....	do.....	44.75
	Jno. Forbes.....	do.....	30.00
	Jno. L. Burgett.....	do.....	17.18
	Robt. H. Treacy.....	do.....	56.00
	C. A. McCall.....	do.....	61.00
	Peter I. Kershner.....	do.....	8.10
	E. J. Foreman.....	do.....	17.60
	David R. Hodges.....	do.....	59.75
	F. Parker.....	do.....	95.30
	N. B. Smith.....	do.....	84.50
	Wm. M. MacKellar.....	do.....	25.65
	Laomer West.....	do.....	32.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 19	Arch. H. Wallace.....	Traveling expenses.....	\$25.05
	Dan McCunningham.....	do.....	54.05
	J. B. Clancy.....	Expenses.....	8.00
	do.....	do.....	8.00
	do.....	do.....	11.50
	Geo. W. Humbert.....	Services.....	8.00
	E. A. McDonald.....	do.....	80.00
	St. Louis National Stock Yards.....	Lanterns.....	1.20
	Rock & Co.....	Transportation.....	5.50
	Republican Publication Co.....	Advertising.....	2.00
	The Boston Ice Co.....	Ice.....	3.50
	American Stave and Cooperage Co.....	Tank.....	118.50
21	Washington Gas Light Co.....	Gas.....	38.80
	Rudolph West & Co.....	Tags, etc.....	42.19
	American Ice Co.....	Ice.....	24.06
	Z. D. Gilman.....	Tubing.....	30.00
	The Chesapeake and Potomac Telephone Co.....	Service.....	60
23	Shannon & Axtell.....	Wheat shorts.....	10.00
	Wm. P. Cherrington.....	Services.....	5.00
	Joseph Hiatt.....	Pigs.....	24.00
	A. K. Wightman.....	Shots.....	24.00
	T. E. James.....	Pigs.....	52.00
	A. McDaniel.....	do.....	48.00
	Geo. W. Butler.....	Use horse and buggy.....	30.00
	F. D. Ketchum.....	do.....	25.00
	Russell G. Merrill.....	do.....	25.00
	Aug. C. Jens.....	do.....	25.00
	Jos. J. Brougham.....	do.....	40.00
	R. J. O'Brien Bros. Co.....	Oats and bran.....	35.50
	Alex. St. John.....	Repairing stoves.....	48.00
	Chas. Keane.....	Use horse and buggy.....	25.00
	The Dairymen's Supply Co.....	Beimling apparatus.....	20.00
	New England Telephone and Telegraph Co.....	Service.....	12.00
	F. Auerbach & Bro.....	Rent.....	30.00
	Trustees of the Milk St. Trust.....	do.....	75.00
	W. S. Goodhue.....	do.....	50.00
	The Continental Creamery Co.....	Export butter.....	780.88
	S. M. Birch.....	Pipe.....	7.66
	Rockwell-Wabash Co.....	Desk.....	30.00
	Ben. Roberts.....	Mare.....	25.00
	F. J. Lamb.....	Corn.....	40.45
	Frank C. Heffner.....	Hogs.....	40.00
	S. W. Burt.....	Use saddle horse.....	25.00
	O. E. Dyson.....	do.....	25.00
	Don C. Ayer.....	Use horse.....	15.00
	W. S. Cass.....	do.....	34.00
	E. T. Davison.....	do.....	41.80
	Jas. W. Davis.....	do.....	18.00
	Albert E. Behnke.....	do.....	35.00
	Good Chyenue.....	Mare.....	20.00
	Red Feather.....	do.....	20.00
	Edison Electric Illuminating Co.....	Electric light.....	1.78
	Herbert J. Harwood.....	Rent.....	65.86
	The Okonite Co. (Limited).....	Wire.....	6.30
	Queen & Co. (Incorporated).....	Ammonia, etc.....	7.48
	do.....	Cylinder Berkefeld.....	24.00
	do.....	Tubes.....	9.00
	Library Bureau.....	Cards.....	16.90
	Morris Miller.....	Painting.....	35.00
	New York Telephone Co.....	Service.....	33.85
	do.....	do.....	24.47
	J. C. Lorenzen.....	Use horse and wagon.....	36.45
	Hiram W. Hawley.....	do.....	32.00
24	Western L. Johnson.....	Traveling expenses.....	63.55
25	E. T. Davison.....	Services.....	126.40
	J. B. Clancy.....	Expenses.....	3.00
	Thos. White.....	Traveling expenses.....	47.00
	G. A. Bond.....	do.....	79.50
27	Horace H. Collins.....	do.....	88.20
	Jno. A. Kiernan.....	do.....	31.00
30	Hugh M. Rowe.....	do.....	60.50
	Wm. Proudfoot.....	do.....	75.00
	S. E. Bennett.....	do.....	22.20
	do.....	do.....	11.95
	Marion Dorsett et al.....	Salaries.....	5,674.80
Dec. 1	Wm. Lochte.....	Shoeing horses.....	13.50
	Remington Typewriter Co.....	Paper.....	10.70
	Geo. F. Muth & Co.....	Ink, etc.....	12.28
	District of Columbia Paper Manufacturing Co.....	Paper.....	59.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 1	W. B. Moses & Sons.....	Chair.....	\$20.20
	Capital Traction Co.....	Fare tickets.....	10.00
	E. G. Schafer & Co.....	Bushings, etc.....	8.11
	Edw. S. Schmid.....	Pigeons.....	.40
	do.....	Mice.....	1.50
	Woodward & Lothrop.....	Thread.....	1.86
	do.....	Stand.....	5.00
	do.....	Screen.....	33.50
	E. Morrison Paper Co.....	Paste.....	2.50
	Thos. Somerville & Sons.....	Pipe.....	168.63
	Jas. B. Lambie Co.....	Screw-driver.....	.37
	Wm. H. Rupp & Co.....	Ink, etc.....	14.30
2	Chicago Car Seal and Manufacturing Co.....	Tags.....	88.25
	Wm. Kraft.....	Covers.....	8.50
	Leidy S. Depue.....	Oats.....	45.00
	do.....	Oats and meal.....	495.00
	C. H. Hanson.....	Type, etc.....	2.22
	A. F. Little.....	Blotters, etc.....	6.00
	Walter Young.....	Mare.....	25.00
	J. R. Stafford.....	Use of wagon and horse.....	10.00
	Her Plenty Horse.....	Mare.....	10.00
	Wm. Bird Head.....	do.....	30.00
	Transit House Stores.....	Coal.....	9.00
	Jno. Tein.....	Labor and materials.....	3.75
	Jas. Fitzsimmons.....	Chair.....	7.00
	The Draper Manufacturing Co.....	Thermometers.....	120.00
	Jno. S. Martin & Co.....	Cheese.....	737.10
	L. R. De Frece.....	Corn.....	37.80
	Underwood Typewriter Co.....	Cleaning typewriter.....	2.50
	Miller Lock Co.....	Locks.....	14.00
	Chadwick Copying Book Co.....	Books.....	46.00
	Wolf Bros.....	do.....	3.80
	Remington Typewriter Co.....	Cleaning typewriter.....	16.50
	The C. J. McCubbin Co.....	Valves.....	16.00
	R. Carter Ballantyne.....	Inkstands, etc.....	36.57
	F. P. Shea.....	Cattle.....	75.00
	D. Frank Parker.....	Paper, etc.....	78.24
	Bausch & Lomb Optical Co.....	Slides, etc.....	40.05
	Chicago Car Seal and Manufacturing Co.....	Tags.....	14.50
3	Albert Dean et al.....	Salaries.....	776.20
	Geo. W. Pope et al.....	do.....	899.04
	H. A. Hedrick et al.....	do.....	463.40
	Julius Huelsen et al.....	do.....	673.60
	W. H. Rose et al.....	do.....	1,158.60
	R. J. O'Brien & Bros. Co.....	Oats, etc.....	38.30
	Geo. W. Millar & Co.....	Paper.....	25.00
	Harry Richardson.....	Mare.....	20.00
	Mallinckrodt Chemical Works.....	Bromid, etc.....	1.55
	St. Louis National Stock Yards Co.....	Office rent.....	50.00
	Tahlequah Arrow.....	Advertising.....	1.20
4	Edward K. Ward.....	Traveling expenses.....	4.55
	Herbert Caldwell.....	do.....	4.95
	Geo. Detewig.....	do.....	5.85
	C. L. Morin.....	do.....	7.35
	F. L. Simpson.....	do.....	10.50
	Jas. Hewes.....	do.....	18.62
	Jos. M. Good.....	do.....	48.57
	Lowell Clarke.....	do.....	42.45
	Rice P. Steddom.....	do.....	3.20
	Wm. T. Sparhawk.....	do.....	2.00
	F. H. Huntington et al.....	Salaries.....	145.80
	Geo. Ditewig et al.....	do.....	1,169.60
	Albert E. Behnke et al.....	do.....	1,246.72
	Harry N. Waller et al.....	do.....	3,041.29
	Boyd Baldwin.....	Expenses.....	4.52
	G. A. Parks.....	Services.....	130.40
	Geo. M. Whitaker.....	do.....	122.20
	Levi Wells.....	do.....	146.80
	B. F. Van Valkenburgh.....	do.....	146.80
	Ed. H. Webster.....	do.....	163.00
	W. D. Collyer.....	do.....	146.80
	M. W. Lang.....	do.....	146.80
	U. G. Houck.....	do.....	146.80
	Jas. Hewes.....	do.....	90.00
	Wm. H. Wade.....	do.....	73.40
	Harry F. Hume.....	do.....	58.80
	Jno. T. Deadman.....	do.....	54.00
	Jno. Callahan.....	do.....	36.00
	Leslie J. Allen.....	do.....	122.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 4	H. B. Adair.....	Services.....	\$122.20
	Thos. A. Bray.....	do.....	122.20
	Peter I. Kershner.....	do.....	122.20
	Jno. Forbes.....	do.....	130.40
	W. J. Kennedy.....	do.....	100.00
	D. Cumming.....	do.....	105.00
	A. A. Holcombe.....	do.....	122.20
	C. L. Morin.....	do.....	97.80
	H. D. Mayne.....	do.....	97.80
	Chas. Pearson.....	do.....	97.80
	Laomer West.....	do.....	97.80
	Geo. Jerome.....	do.....	97.80
	Dan McCuningham.....	do.....	97.80
	Jno. L. Burgett.....	do.....	97.80
	Marion Imes.....	do.....	97.80
	Wm. L. Hiatt.....	do.....	97.80
	Wm. D. Jordan.....	do.....	97.80
	Stephen L. Blount.....	do.....	97.80
	C. A. Clawson.....	do.....	114.20
	E. J. Forseman.....	do.....	114.20
	Chas. A. McCall.....	do.....	114.20
	Jos. W. Parker.....	do.....	114.20
	Theo. S. Rich.....	do.....	114.20
	Geo. E. Totten.....	do.....	114.20
	Geo. W. Browning.....	do.....	114.20
	Frank W. Brewer.....	do.....	114.20
	Arch. H. Wallace.....	do.....	114.20
	A. N. Irwin.....	do.....	114.20
	W. L. Johnson.....	do.....	114.20
	Lewis Metsker.....	do.....	114.20
	Louis A. Klein.....	do.....	114.20
	Jno. A. Sloan.....	do.....	114.20
5	Wm. M. MacKellar.....	do.....	114.20
	Geo. E. Howard.....	do.....	3,250.00
	F. W. Bicknell.....	do.....	250.00
	Saml. E. Bennett et al.....	Salaries.....	7,913.46
7	Walter J. Stewart et al.....	do.....	3,227.86
	Fredk. Bragington et al.....	do.....	181.00
	Edwd. P. Dowd et al.....	do.....	181.00
	R. J. Blanche et al.....	do.....	181.00
	Nathan K. Fegley et al.....	do.....	254.40
	F. L. De Wolf et al.....	do.....	254.40
	L. K. Green et al.....	do.....	309.80
	Trajan J. Shipley et al.....	do.....	327.80
	Edw. O. Speake et al.....	do.....	340.81
	Joshua Miller et al.....	do.....	368.60
	Robt. L. Kelly et al.....	do.....	383.20
	O. E. Dyson et al.....	do.....	9,129.89
	C. A. Schaulfler et al.....	do.....	1,120.60
	Boyd Baldwin et al.....	do.....	773.20
	Virgil L. Brown et al.....	do.....	2,758.50
	Wesley N. Neil et al.....	do.....	769.80
	J. J. Brougham et al.....	do.....	1,577.40
	Bernhard P. Wende et al.....	do.....	1,983.16
	J. B. Clancy et al.....	do.....	3,513.14
	Lewis R. Baker et al.....	do.....	3,486.45
	R. P. Steddam et al.....	do.....	3,156.51
	Jas. Fleming et al.....	do.....	806.00
	A. G. G. Richardson et al.....	do.....	345.60
	Geo. C. Faville et al.....	do.....	285.40
	Geo. P. McCabe et al.....	Traveling expenses.....	73.20
	G. H. Parks.....	do.....	10.20
	J. B. Clancy.....	Expenses.....	.50
8	F. W. Hopkins.....	Services.....	122.20
	Jos. M. Good.....	do.....	114.20
	David C. Hanawalt.....	do.....	114.20
	Willis B. Lincoln.....	do.....	114.20
	Willis H. Meadors.....	do.....	114.20
	G. W. Ward.....	do.....	114.20
	Walter H. Yingst.....	do.....	97.80
	Jos. M. Turner.....	do.....	73.40
	F. P. Herron.....	do.....	58.80
	H. T. Potter.....	do.....	17.00
	Billa D. Way.....	do.....	13.04
	Tessie C. Havey.....	do.....	9.75
	Edw. P. Schaffter et al.....	Salaries.....	710.20
	W. B. Niles et al.....	do.....	445.60
	H. P. Armsby et al.....	do.....	185.00
	Geo. E. Howard.....	Stamps.....	734.65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 8	The David Henry Building Co.	Labor and material.	\$9,403.72
9	Harry D. Paxson et al.	Salaries.	1,310.19
	F. D. Ketchum et al.	do.	1,127.20
	Geo. A. Johnson et al.	do.	818.80
	H. H. George et al.	do.	727.38
	Levi P. Beechey et al.	do.	683.96
	Jas. S. Kelly et al.	do.	254.40
	J. C. Milnes et al.	do.	203.80
	W. J. Murphy et al.	do.	195.60
	Arthur B. Morse et al.	do.	181.00
	M. O. Anderson et al.	do.	181.00
	W. H. Gibbs et al.	do.	156.60
	Don C. Ayer et al.	do.	3,916.50
	Jacob S. Berner.	Services.	13.04
	Russell G. Merrill.	do.	73.40
	Isaiah Richards.	do.	81.60
	Jas. W. Davis.	do.	73.40
	Emerson J. Cary.	do.	114.20
	H. H. Collins.	do.	114.20
	W. S. Cass.	do.	114.20
	Geo. W. Butler.	do.	114.20
	Chas. Cowie.	do.	104.00
	Jas. E. Ellis.	do.	97.80
	Wilbur E. Hurst.	do.	97.80
	Henry R. McNally.	do.	97.80
	Wm. F. Jones.	do.	97.80
	S. W. McClure.	do.	97.80
	Frank Parker.	do.	97.80
	Wilton F. Crewe.	do.	97.80
	Chas. W. Deming.	do.	97.80
	Morris T. Hascall.	do.	81.60
	David R. Hodges.	do.	81.60
	Thos. J. Lowry.	do.	81.60
	F. O. Pettey.	do.	81.60
	Jas. Irwin.	do.	81.60
	Wm. F. Pflaeaging.	do.	81.60
	A. J. Smith.	do.	81.60
	W. J. Muldoun.	do.	55.43
	Geo. S. Hickox et al.	Salaries.	815.40
	Niels C. Sorensen et al.	do.	1,983.20
	Jno. McBirney.	Services.	130.40
	Jno. A. Kiernan.	do.	122.20
	Frank C. Eells.	do.	122.20
	Dean G. Cooper.	do.	122.20
	Jno. J. Hayes.	do.	114.20
	Walter E. Howe.	do.	114.20
	J. Otis Jacobs.	do.	114.20
	M. S. Lantz.	do.	114.20
	I. W. O'Rourke.	do.	114.20
	Clinton H. Bugbee.	do.	114.20
	W. R. Fleming.	do.	114.20
	Roy N. Drake.	do.	114.20
	Thos. White.	do.	114.20
	H. J. Hammond.	do.	114.20
	R. A. Ramsay.	do.	114.20
	N. L. Townsend.	do.	114.20
	A. J. Pistor.	do.	114.20
	Alex. G. Wight.	do.	114.20
	N. B. Smith.	do.	114.20
	Robt. H. Treacy.	do.	114.20
	W. W. Worcester.	do.	114.20
10	Dulin & Martin.	Mop wringer.	1.80
	Lamb & Tilden.	Ink.	12.00
	Lutz & Co.	Soap.	2.45
	Jno. C. Parker.	Paper, etc.	167.64
11	Z. D. Gilman.	Tubing, etc.	18.89
	Barber & Ross.	Buckets.	8.92
	Fred. A. Schmidt.	Crayons. ....	.25
	Geo. F. Muth & Co.	Oil.	13.19
	E. J. Schafer & Co.	Valves.	4.66
12	M. W. Lang.	Traveling expenses.	133.10
	J. Otis Jacobs.	do.	117.80
	Jos. M. Good.	do.	31.45
	Chas. Cowie.	do.	13.60
	W. W. Worcester.	do.	45.00
	Willis B. Lincoln.	do.	48.10
	Morris Wooden.	do.	72.35
	Geo. S. Baker.	do.	7.00
	A. A. Holcombe.	do.	74.54

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 12	Herbert M. Smith.....	Traveling expenses.....	\$8.00
	A. G. G. Richardson.....	do.....	11.20
	Lewis R. Baker.....	do.....	7.05
	Geo. W. Pope.....	do.....	5.74
	A. D. Melvin.....	do.....	81.09
	Arthur C. Hart.....	do.....	7.40
	H. D. Mayne.....	do.....	5.25
	Jno. E. Potter.....	do.....	2.50
	W. D. Collyer.....	do.....	90.74
	Wm. Proudfoot.....	do.....	35.75
	do.....	do.....	16.02
	W. B. Niles.....	do.....	7.85
	Clarence Loveberry.....	do.....	12.50
	O. B. Hess et al.....	Salaries.....	379.06
	Robt. Darling et al.....	do.....	195.60
	Chas. H. Zink et al.....	do.....	517.00
	Chas. Keane et al.....	do.....	530.00
	Fredk. Ainsworth et al.....	do.....	508.80
	Geo. S. Baker et al.....	do.....	408.15
	Clarence Loveberry et al.....	do.....	486.34
	F. L. De Wolf.....	Expenses.....	35
	W. H. Rose.....	do.....	15.00
	W. B. Niles.....	do.....	29.72
	Clarence Loveberry.....	do.....	12.25
	Jno. A. Bell.....	Services.....	24.00
	W. E. Hill.....	do.....	97.80
	Geo. A. Bond.....	do.....	114.20
	J. F. Ryder.....	do.....	163.00
	Fred. E. Dauncey.....	do.....	1.96
	E. A. McDonald.....	do.....	48.00
	Wm. E. Smith.....	do.....	90.00
14	A. E. Behnke.....	Use horse and buggy.....	35.00
	Leslie Allen.....	Traveling expenses.....	66.75
	do.....	do.....	52.45
	Geo. E. Totten.....	do.....	55.05
	Jos. W. Parker.....	do.....	39.20
	Geo. E. Totten.....	do.....	37.10
	Chas. M. Day.....	do.....	22.00
	Jno. L. Burgett.....	do.....	18.68
	Thos. A. Bray.....	do.....	14.90
	Geo. C. Moser.....	do.....	12.15
	Jos. W. Parker.....	do.....	31.95
	Louis Metsker.....	do.....	63.25
	Chas. A. McCall.....	do.....	61.85
	Laomer West.....	do.....	44.55
	W. L. Johnson.....	do.....	40.25
	C. A. Clawson.....	do.....	31.40
	Louis A. Klein.....	do.....	26.60
	Jno. V. Laddey.....	do.....	25.90
	Geo. W. Browning.....	do.....	23.15
	Theo. S. Rich.....	do.....	21.55
	Peter I. Kershaw.....	do.....	21.46
	R. L. Kelly.....	do.....	20.79
	J. F. Ryder.....	do.....	30.00
	Chas. Pearson.....	do.....	36.65
	W. M. MacKellar.....	do.....	40.80
	A. H. Wallace.....	do.....	47.91
	Louis Metsker.....	do.....	63.00
	W. H. Wray.....	Services.....	375.00
	W. D. McArthur.....	do.....	120.00
	E. T. Davison et al.....	Salaries.....	341.40
	G. W. Pope.....	Expenses.....	15.86
	H. H. George.....	do.....	8.48
	A. A. Holcombe.....	do.....	1.50
	Harry D. Payson.....	do.....	1.00
	do.....	do.....	14.00
	Jno. R. Mohler.....	do.....	3.00
	F. A. de Schweinitz.....	do.....	7.79
	Chas. Keane.....	Use horse and buggy.....	25.00
	O. E. Dyson.....	Use saddle horse.....	25.00
	H. W. Hawley.....	Use horse and buggy.....	32.00
	S. W. Burt.....	Use saddle horse.....	25.00
	F. Auerbach & Bro.....	Office rent.....	30.00
	Trustees of the Milk St. Trust.....	do.....	75.00
	Geo. E. Francis.....	Use horse and buggy.....	53.71
	Travis & De Freece.....	Wire fencing, etc.....	27.20
	Aug. C. Jens.....	Use horse and buggy.....	25.00
	Borden & Selleck Co.....	Scale.....	12.17
	St. Louis National Stock Yards.....	Office rent.....	50.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 14	Jno. C. Lorenzen.....	Use horse and buggy.....	\$32.40
	W. S. Goodhue.....	Office rent.....	50.00
	J. P. Nawrath.....	Twine.....	7.56
	Thos. Meehan Sons.....	Pears, etc.....	37.50
	E. J. Brooks & Co.....	Seals.....	129.50
	Geo. W. Butler.....	Use horse and buggy.....	30.00
	Jas. W. Davis.....	.....do.....	18.00
	F. D. Ketchum.....	.....do.....	25.00
	American Ice Co.....	Ice.....	20.85
	Don C. Ayer.....	Use of horse.....	15.00
	Jas. J. Brougham.....	Use horse and buggy.....	40.00
	The American Distributing Co.....	Alcohol.....	22.92
	Ames Plow Co.....	Fence.....	59.26
	Conant & Co.....	Brads, etc.....	6.07
	Frank Brandon.....	Boards, etc.....	31.66
	Wm. Lochte.....	Horseshoeing.....	11.75
	Russell G. Merrill.....	Use horse and buggy.....	25.00
	Edison Electric Illuminating Co.....	Electric lights.....	2.75
	Robt. Darling.....	Use horse and buggy.....	25.00
	Kehoe Livery and Trucking Co.....	.....do.....	6.00
	F. C. Hartwell.....	Posts.....	4.10
15	F. L. Russell.....	Traveling expenses.....	85.88
	Chas. A. McCall.....	.....do.....	22.40
	Jno. A. Sloan.....	.....do.....	20.10
	W. J. Muldoun.....	.....do.....	19.75
	Warren J. Fretz.....	.....do.....	15.93
	Thos. L. Armstrong.....	.....do.....	12.85
	G. W. Ward.....	.....do.....	11.25
	Levi Wells.....	.....do.....	155.11
	S. E. Bennett.....	.....do.....	8.10
	F. L. Russell.....	.....do.....	128.00
	W. J. Crawford.....	Transportation.....	.50
	Star Union Line.....	.....do.....	.70
	.....do.....	.....do.....	4.66
	Metropolitan Steamship Co.....	.....do.....	.29
	Pennsylvania R. R. Co.....	.....do.....	.37
16	E. T. Davison.....	Traveling expenses.....	58.85
	Wm. D. Jorden.....	.....do.....	53.20
	Frank W. Brewer.....	.....do.....	42.40
	A. N. Irwin.....	.....do.....	36.75
	Ernest J. Foreman.....	.....do.....	18.45
	H. T. Potter.....	.....do.....	2.75
	Eli L. Bertram.....	.....do.....	3.55
	J. G. Fish.....	.....do.....	5.50
	Henry Singleton.....	.....do.....	6.10
	W. H. Wray.....	.....do.....	6.67
	.....do.....	Expenses.....	2.66
	Geo. Jerome.....	Traveling expenses.....	35.40
	.....do.....	.....do.....	64.07
	Jno. Forbes.....	.....do.....	36.70
	Dan McCuningham.....	.....do.....	68.35
	Toole A. Geddes.....	.....do.....	49.26
	B. E. Bayes.....	Corn.....	19.50
	Clarence Loveberry.....	Use horse and buggy.....	21.66
	J. C. Rounds.....	Mare.....	50.00
	Hooker, Lewis & Co.....	Paper, etc.....	9.55
	J. R. Stafford.....	Use horse and wagon.....	10.00
	Chas. Hubinger.....	Keys.....	31.31
	.....do.....	Gasoline.....	15.38
	E. T. Davison.....	Use horse and buggy.....	34.00
	W. E. Hargrave.....	Mare.....	75.00
	Harvard Laundry Co.....	Service.....	7.12
	Toole A. Geddes.....	Services.....	203.80
	J. F. Deadman.....	.....do.....	39.00
	E. C. Schroeder.....	Expenses.....	6.70
	W. J. Crawford.....	Services.....	1.20
17	Pennsylvania R. R. Co.....	Transportation.....	.60
	Chicago, Rock Island and Pacific Rwy. Co.....	.....do.....	.84
	Louisville and Nashville R. R. Co.....	.....do.....	.75
	Chicago, Rock Island and Pacific Rwy. Co.....	.....do.....	.80
	Chesapeake and Ohio Rwy. Co.....	.....do.....	.91
	W. M. Lawson.....	Drills, etc.....	12.55
	.....do.....	Shoeing horses.....	11.84
	Henry Heil Chemical Co.....	Alcohol, etc.....	7.00
	Whitall Tatum Co.....	Tin boxes.....	4.43
	Rand. McNally & Co.....	Ink.....	4.00
	Jay Merrill.....	Traveling expenses.....	85.00
	Jno. C. Massie.....	Services.....	81.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 17	B. F. Van Valkenburgh	Traveling expenses	\$13.66
	Thos. Redmond	do	15.05
	Albert Dean	do	12.00
	United States Envelope Co.	Envelopes	34.10
	Geo. E. Howard	Labels	3,250.00
	Edw. S. Schmid	Mice	1.50
	D. E. Salmon	Traveling expenses	49.15
18	The Chicago, Burlington and Quincy Rwy. Co.	Passenger transportation	8.43
	Chicago and Northwestern Rwy. Co.	do	45.35
	Chicago and Alton Rwy. Co.	do	29.35
	Cleveland, Cincinnati, Chicago and St Louis Rwy. Co.	do	25.50
	Denver and Rio Grande R. R. Co.	do	82.50
	The Missouri Pacific Rwy. Co.	do	9.03
	Louisville and Nashville R. R. Co.	do	31.50
	Southern Rwy. Co.	do	15.50
	do	do	10.00
	do	do	18.50
	Oregon Short Line R. R. Co.	do	78.00
	do	do	17.40
	New York, New Haven and Hartford R. R. Co.	do	8.00
	do	do	37.75
	Baltimore and Ohio R. R. Co.	do	46.50
	do	do	24.00
	Boston and Maine R. R. Co.	do	4.34
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	62.65
	do	do	9.24
	Burlington and Missouri River R. R.	do	58.95
	do	do	32.75
	New York Central and Hudson River R. R. Co.	do	125.05
	Pennsylvania R. R. Co.	do	57.45
	do	do	60.70
	do	do	34.20
19	F. J. Marley	Trap rock	46.50
	R. W. Burrell	Labor and material	32.95
	W. H. Wade	Expenses	24.96
	Jno. A. Kiernan	Traveling expenses	26.00
	Wm. F. Jones	do	11.00
	Jno. Summers	do	6.55
	Chas. W. Denning	do	14.75
	Burton R. Rogers	do	5.40
	W. H. Hurst	do	24.00
	E. N. Hutchinson	do	68.45
	Wm. F. Pflaeving	do	37.05
	Milton F. Crewe	do	26.65
	R. G. Merrill	do	2.50
	F. Parker	do	25.50
	Jay Merrill	do	147.25
	Jno. McBirney	Expenses	98.50
	Jno. J. Hayes	do	57.00
	Jno. C. Massie	do	97.50
	M. T. Hascall	do	25.00
	Nathanl. B. Smith	do	53.45
	W. R. Fleming	do	23.00
	Frank C. Ellis	do	64.35
	A. J. Pistor	do	12.95
	Horace H. Collins	do	54.75
	N. L. Townsend	do	10.50
	M. S. Lantz	do	30.25
	W. R. Dennis	do	51.25
21	W. S. Cass	do	30.30
	Chas. White	do	14.50
	R. A. Ramsay	do	79.75
	S. W. McClure	do	80.99
	Isaiah Richards	do	64.85
	H. J. Hammond	do	112.25
	S. D. Gillett	do	28.95
	Walter E. Howe	do	33.25
	Henry R. McNally	do	43.00
	A. J. Smith	do	106.00
	Jno. C. Massie	do	77.25
	Hugh M. Rowe	do	60.95
	Rice P. Steddom	Expenses	11.16
	do	do	8.48
	Walter G. Hemming & Sons	Services and material	12.00
	The D. Henry Building Co.	Cement	17.76
	W. S. Cass	Use horse and buggy	34.00
	The Chesapeake and Potomac Telephone Co.	Service	1.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 22	David R. Hodges.....	Traveling expenses.....	\$40. 50
	E. J. Cary.....	do.....	60. 00
	I. W. O'Rourke.....	do.....	118. 30
	Jas. E. Ellis.....	do.....	37. 50
26	R. P. Andrews & Co., Inc.....	Paper.....	52.92
	Jas. B. Lambie Co.....	Padlocks, etc.....	21.46
	Ernest Betz.....	Tire.....	.75
	Delano & Moore.....	Plates, etc.....	8.03
	Rudolph, West & Co.....	Nails, etc.....	60.94
	Leidy S. Depue.....	Bran and corn.....	228. 00
	Wm. E. Pratt.....	Hog rings.....	54.60
	Library Bureau.....	Cards.....	62.05
	E. J. Brooks & Co.....	Seals.....	35.00
	do.....	do.....	38.00
	Church & Stephenson.....	Lumber.....	303.90
	Bausch & Lomb Optical Co.....	Tubes.....	50.85
	Arizona Publishing Co.....	Advertising.....	2.40
	Eimer & Amend.....	Molybolic acid, etc.....	73.00
28	Union Pacific R. R. Co.....	Passenger transportation.....	29.00
	Lewis Keiser.....	Hogs.....	196.00
	Clinton H. Bugbee.....	Traveling expenses.....	93.75
	W. H. Meadors.....	do.....	47.25
	U. G. Houck.....	do.....	79.68
31	Marion Dorsett et al.....	Salaries.....	5,936.55
	Total second quarter.....		334,632.32
1904. Jan. 2	Ed. H. Webster.....	Traveling expenses.....	107.14
	M. W. Lang.....	Services.....	151.60
	W. D. Collyer.....	do.....	151.60
	B. F. Van Valkenburgh.....	do.....	151.60
	G. M. Whitaker.....	do.....	126.40
	Levi Wells.....	do.....	151.60
	Ed. H. Webster.....	do.....	168.50
5	M. O. Anderson.....	Expenses.....	1.22
	Roy N. Drake.....	Traveling expenses.....	90.75
	C. E. Moss.....	do.....	27.75
	Geo. S. Hickox.....	do.....	42.70
	D. C. Hanawalt.....	do.....	50.85
	R. H. Treacy.....	do.....	45.85
	Jay Merrill.....	do.....	38.10
	Alex. E. Wight.....	do.....	30.95
	Murray J. Myers.....	do.....	5.20
	Geo. A. Bond.....	do.....	69.75
6	U. G. Houck.....	Services.....	151.60
	Geo. Jerome.....	do.....	101.10
	H. B. Adair.....	do.....	126.40
	E. J. Foreman.....	do.....	117.90
	Wm. M. MacKellar.....	do.....	117.90
	Dan McCuningham.....	do.....	101.10
	Geo. W. Browning.....	do.....	117.90
	Wm. I. Jorden.....	do.....	101.10
	C. A. Clawson.....	do.....	117.90
	Wm. L. Hiatt.....	do.....	101.10
	Marion Imes.....	do.....	101.10
	Louis A. Klien.....	do.....	117.90
	H. D. Mayne.....	do.....	101.10
	W. L. Johnson.....	do.....	117.90
	Arch H. Wallace.....	do.....	117.90
	Jno. Forbes.....	do.....	138.80
	Jno. A. Sloane.....	do.....	117.90
	Chas. Pearson.....	do.....	101.10
	Leslie J. Allen.....	do.....	126.40
	C. L. Morin.....	do.....	101.10
	Jno. Callahan.....	do.....	39.00
	F. M. Perry.....	do.....	76.09
	Harry F. Hume.....	do.....	60.60
	A. A. Holcombe.....	do.....	126.40
	Frank W. Brewer.....	do.....	117.90
	Thos. A. Bray.....	do.....	126.40
	Stephen L. Blount.....	do.....	101.10
	F. W. Hopkins.....	do.....	126.40
	W. B. Lincoln.....	do.....	117.90
	W. H. Yingst.....	do.....	101.10
	Jos. M. Turner.....	do.....	75.80
	W. H. Meadors.....	do.....	117.90
	Jno. L. Burgett.....	do.....	101.10
	Laomer West.....	do.....	101.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 6	Jos. M. Good.....	Services.....	\$117.90
	David C. Hanawalt.....	do.....	117.90
	A. N. Irwin.....	do.....	117.90
	Chas. A. McCall.....	do.....	117.90
	Jos. W. Parker.....	do.....	117.90
	Theo. S. Rich.....	do.....	117.90
	Peter I. Kershner.....	do.....	126.40
	Louis Metsker.....	do.....	117.90
	Geo. E. Totten.....	do.....	117.90
	Albert Dean et al.....	Salaries.....	801.90
	A. G. G. Richardson et al.....	do.....	340.30
	Henry E. Alvord.....	do.....	65.90
7	N. B. Smith.....	Services.....	117.90
	Jno. J. Hayes.....	do.....	117.90
	F. W. Bicknell.....	do.....	250.00
	Geo. S. Hickox et al.....	Salaries.....	715.90
	O. E. Dyson et al.....	do.....	9,822.87
	Jas. Johnson et al.....	do.....	2,322.90
	Geo. W. Pope et al.....	do.....	347.00
	Vergil L. Brown et al.....	do.....	2,837.44
	Fredk. Braginton et al.....	do.....	187.00
	E. P. Dowd et al.....	do.....	187.00
	F. W. Huntington et al.....	do.....	157.10
	Wilber J. Murphy et al.....	do.....	202.20
	W. H. Rose et al.....	do.....	1,196.95
	Albert Behnke et al.....	do.....	1,236.63
	Jas. Fleming et al.....	do.....	824.23
	Boyd Baldwin et al.....	do.....	796.50
	E. P. Schaffter et al.....	do.....	734.45
	H. A. Hedrick et al.....	do.....	486.18
	Geo. C. Faville et al.....	do.....	294.80
	Nathan K. Fegley et al.....	do.....	262.80
	Eli L. Bertram et al.....	do.....	269.50
	W. H. Dyer.....	Lumber.....	7.00
	Remington Typewriter Co.....	Repairs.....	16.22
	Washington Gas Light Co.....	Gas.....	46.80
	Potomac Electric Power Co.....	Current.....	64.09
	do.....	do.....	51.10
	E. G. Schafer & Co.....	Cast iron.....	9.22
	W. B. Moses & Sons.....	Carpet sweeper.....	3.00
	Woodward & Lothrop.....	Stove.....	4.50
	Mackall Bros.....	Vials, etc.....	24.56
	do.....	Cotton, etc.....	38.29
	Thos. Somerville Sons.....	Valves, etc.....	19.53
8	R. P. Clarke Co.....	Toweling.....	12.50
	Lutz & Co.....	Lap robe.....	12.50
	M. Goldschmith & Son.....	Badges.....	95.00
	J. Karr's Sons.....	Clock.....	5.70
	Underwood Typewriter Co.....	Typewriter.....	85.00
	Francis Miller.....	Glass.....	2.24
	Wm. J. Bacon.....	Badges.....	1.00
	L. S. Depue.....	Hay and straw.....	2,219.03
9	Robt. Darling et al.....	Salaries.....	202.20
	Julius Huelsen et al.....	do.....	704.38
	Rice P. Steddom et al.....	do.....	939.70
	Lewis R. Baker et al.....	do.....	3,605.87
	M. O. Anderson et al.....	do.....	187.00
	L. K. Green et al.....	do.....	320.10
	H. H. George et al.....	do.....	825.40
	Joshua Miller et al.....	do.....	402.22
	Henry P. Armsby et al.....	do.....	190.00
	Jas. S. Kelley et al.....	do.....	262.80
	Wesley N. Neil et al.....	do.....	902.80
	E. T. Davison et al.....	do.....	349.30
	F. W. Ainsworth et al.....	do.....	525.60
	Levi P. Beechy et al.....	do.....	829.98
	W. B. Niles et al.....	do.....	469.20
	B. P. Wende et al.....	do.....	2,127.52
	J. B. Clancy et al.....	do.....	3,963.94
	Don C. Ayer et al.....	do.....	3,990.63
	W. J. Stewart et al.....	do.....	3,749.34
	Chas. W. Deming.....	Services.....	101.10
	Jas. C. Ellis.....	do.....	101.10
	W. F. Jones.....	do.....	101.10
	Wilton F. Crewe.....	do.....	101.10
	Henry R. McNally.....	do.....	101.10
	A. W. McClure.....	do.....	101.10
	F. Parker.....	do.....	101.10
	W. H. Hurst.....	do.....	101.10
	Wm. Proudfoot.....	do.....	84.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Jan 9	F. O. Pettey.....	Services.....	\$84.20
	A. J. Smith.....	do.....	84.20
	Isaiah Richards.....	do.....	84.20
	Morris T. Hascall.....	do.....	84.20
	David R. Hodges.....	do.....	84.20
	Thos. J. Lowery.....	do.....	84.20
	Wm. F. Pflaeging.....	do.....	84.20
	W. W. Worcester.....	do.....	117.90
	Emerson J. Cary.....	do.....	117.90
	H. H. Collins.....	do.....	117.90
	W. R. Fleming.....	do.....	117.90
	I. W. O'Rourke.....	do.....	117.90
	A. J. Pister.....	do.....	117.90
	N. L. Townsend.....	do.....	117.90
	Matthias S. Lantz.....	do.....	117.90
	Robt. H. Treacy.....	do.....	117.90
	Thos. White.....	do.....	117.90
	Alex. E. Wight.....	do.....	117.90
	Clinton H. Bugbee.....	do.....	117.90
	H. J. Hammond.....	do.....	117.90
	W. S. Cass.....	do.....	117.90
	R. A. Ramsay.....	do.....	117.90
	Walter E. Howe.....	do.....	126.40
	Frank C. Fells.....	do.....	126.40
	E. N. Hutchinson.....	do.....	126.40
	Geo. A. Bond.....	do.....	126.40
	J. Otis Jacobs.....	do.....	126.40
	Jno. A. Kiernan.....	do.....	126.40
	Russell G. Merrill.....	do.....	75.80
	F. P. Herron.....	do.....	60.60
	Jno. McBirney.....	do.....	134.80
11	F. D. Ketchum et al.....	Salaries.....	1,163.90
	Harry D. Paxson et al.....	do.....	1,463.35
	J. J. Brougham et al.....	do.....	1,637.30
	Harry N. Walter et al.....	do.....	3,120.72
	C. H. Zink et al.....	do.....	534.00
	Geo. Ditewig et al.....	do.....	1,199.05
	Niels C. Sorensen et al.....	do.....	2,051.23
	S. E. Bennett et al.....	do.....	7,985.73
	Chas. A. Schaffer et al.....	do.....	1,148.70
	Clarence Loveberry et al.....	do.....	498.80
12	Jas. Hewes.....	Services.....	90.00
	Harvard Laundry Co.....	Service.....	8.28
	The Mathy Co. (Incorporated).....	Boiler.....	6.50
	Woodward & Lothrop.....	Desk.....	21.63
	M. Du Perow.....	Receptacles.....	.90
	Z. D. Gilman.....	Acetic acid.....	22.16
	Remington Typewriter Co.....	Paper, etc.....	114.70
	Clark & Davenport.....	Carpets.....	248.60
	E. A. de Schweinitz.....	Expenses.....	13.06
	U. G. Houck.....	Traveling expenses.....	82.42
14	Wm. E. Smith.....	do.....	5.47
	Levi Wells.....	do.....	57.32
	A. D. Melvin.....	do.....	97.20
	Orlando Fling.....	do.....	4.45
	Stephen Gillett.....	do.....	18.90
	Geo. M. Rommel.....	do.....	59.64
	W. B. Niles.....	do.....	9.10
	Geo. W. Ward.....	do.....	13.75
	F. L. Russell.....	do.....	57.87
	Allen A. Holcombe.....	do.....	57.12
	W. R. Dennis.....	do.....	90.15
	Geo. S. Hickox.....	do.....	72.60
	Lowell Clarke.....	do.....	64.95
	C. L. Morin.....	do.....	12.20
	Wm. F. Pflaeging.....	do.....	31.75
	Chas. M. Day.....	do.....	37.04
	W. B. Lincoln.....	do.....	11.00
	Jens Madsen.....	do.....	11.45
	Joshua Miller.....	Expenses.....	1.15
	do.....	do.....	16.00
	H. A. Hedrick.....	do.....	10.75
	Jno. R. Mohler.....	do.....	50.52
	H. H. George.....	do.....	20.22
	Louis Abel.....	do.....	2.55
	E. P. Schaffter.....	do.....	1.03
	Geo. S. Hickox.....	do.....	13.10
	L. R. Baker.....	do.....	1.50
	N. C. Sorensen.....	do.....	12.64
	Fredk. Braginton.....	do.....	.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 14	A. G. G. Richardson.....	Expenses	\$2.06
	G. A. Johnson.....	do.	.90
	B. F. Van Valkenburgh.....	do.	14.52
	W. H. Gibbs.....	do.	1.15
	B. P. Wende.....	do.	135.00
	.....do.....	do.	2.05
	Geo. Ditewig.....	do.	43.56
	Chas. M. Day.....	do.	17.10
	Clarence Loveberry.....	do.	20.00
	W. B. Niles.....	do.	13.00
	A. A. Holcombe.....	do.	2.00
	Geo. S. Baker.....	do.	1.25
	J. J. Brougham.....	do.	21.00
	W. H. Rose.....	do.	18.70
	Chas. A. Schauler.....	do.	41.85
	.....do.....	do.	1.00
	Chas. Keane et al.....	Salaries	547.50
	Geo. A. Johnson et al.....	do.	955.65
	J. C. Milnes et al.....	do.	210.60
	W. H. Gibbs et al.....	do.	161.70
	R. J. Blanche et al.....	do.	187.00
	F. J. De Wolf et al.....	do.	262.80
	Trajan A. Shipley et al.....	do.	338.60
	Arthur B. Morse et al.....	do.	187.00
	Geo. S. Baker et al.....	do.	422.80
	O. B. Hess et al.....	do.	392.32
	W. E. Smith.....	Services	90.00
	W. J. Kennedy.....	do.	100.00
	Chas. Cowie.....	do.	104.00
	Geo. W. Butler.....	do.	117.90
	Ellen S. Mayhew.....	do.	17.93
	W. H. Wade.....	do.	75.80
	Roy N. Drake.....	do.	117.90
	Jas. Irwin.....	do.	84.20
	G. W. Ward.....	do.	117.90
	D. Cumming.....	do.	65.00
	Dean G. Cooper.....	do.	126.40
	Jno. Van Winkle.....	do.	65.00
	Sarah A. Ingram.....	do.	30.98
	Orlando Fling.....	do.	40.00
	W. E. Hill.....	do.	101.10
	M. H. Crosby.....	do.	6.52
	Edw. P. Schaffter.....	Traveling expenses	5.98
	Warren J. Fritz.....	do.	55.55
	M. W. Lang.....	do.	142.91
	E. T. Davison.....	do.	23.50
	W. D. Collyer.....	do.	81.35
	Jas. Hewes.....	do.	19.99
	Wm. Lichte.....	Shoeing horses	11.75
	Geo. W. Butler.....	Use horse and buggy	30.00
	Clarence Loveberry.....	do.	50.00
	Jas. J. Brougham.....	do.	40.00
	American Linen Supply Co.....	Service	3.00
	Robt. Darling.....	Use horse and buggy	25.00
	F. D. Ketchum.....	do.	25.00
	W. I. Young & Co.....	Butter	373.08
	Mallinckrodt Chemical Works.....	Potas. chlorate	.34
	Eimer & Amend.....	Tannin	.50
	Yawman & Erbe Manufacturing Co.....	Guides	4.10
	Armstrong Laundry Co.....	Service	1.20
	Charles Keane.....	Use horse and buggy	25.00
	McKenney & Waterbury Co.....	Electric light	1.40
	Russell G. Merrill.....	Use horse and buggy	25.00
	S. E. Bennett.....	Use horse and saddle	5.42
	Old Dominion Paper Co.....	Memorandum books	8.64
	Miller Lock Co.....	Padlocks	14.00
	L. D. Turner.....	Mare	30.00
	Jno. Post.....	Oats	47.00
	Rock & Co.....	Stamps	6.00
	Chas. A. Schauler.....	Use horse and buggy	105.00
	Alex Hoover.....	Mare	30.00
	Aug. C. Jens.....	Use horse and buggy	25.00
	A. H. Thomas Co.....	Flasks	34.44
	.....do.....	Lamps, etc	16.55
	United States Envelope Co.....	Envelopes	45.11
	Combe Printing Co.....	Ink	2.00
	Missouri and Kansas Telephone Co.....	Service	12.50
	E. T. Davison.....	Use horse and buggy	23.80
	A. I. Maxwell.....	Corn	35.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 14	Conrad Ploch.....	Land.....	\$200.00
	Geo. E. Myrich.....	Chairs.....	4.50
	Maryland Telephone and Telegraph Co.....	Service.....	12.00
	City Telephone Co.....	.....do.....	3.00
	New Telephone Co.....	.....do.....	20.00
	Edison Electric Illuminating Co.....	Electric lights.....	3.20
	Rocky Mountain Bell Telephone Co.....	Service.....	22.56
	A. E. Behnke.....	Use horse and buggy.....	35.00
	New England Telephone and Telegraph Co.....	Service.....	12.50
	The Bell Telephone Co. of Philadelphia.....	.....do.....	40.00
	Chesapeake and Potomac Telephone Co.....	.....do.....	12.00
	Trustees of the Milk Street Trust.....	Office rent.....	75.00
	.....do.....	.....do.....	54.10
	Emma Curran, administratrix.....	.....do.....	21.06
	Belt R. R. and Stock Yard Co.....	.....do.....	30.00
	Grand Trunk R. R. system.....	.....do.....	37.50
	East Buffalo Live Stock Exchange Co.....	.....do.....	90.00
	The Cincinnati Union Stock Yards Co.....	.....do.....	45.00
	N. Rufus Gill.....	.....do.....	31.20
	Jas. Stikeman.....	.....do.....	125.05
	F. Auerbach & Bros.....	.....do.....	30.00
	T. F. Rodgers, agent.....	.....do.....	52.50
	Bourbon Stock Yards Co.....	.....do.....	30.00
	C. Deaderich.....	.....do.....	30.00
	H. J. Harwood.....	.....do.....	59.10
	St. Joseph Stock Yards Co.....	.....do.....	135.04
	Emma J. Adams et al.....	.....do.....	120.00
	Roy N. Drake.....	Traveling expenses.....	7.50
	M. T. Hascall.....	.....do.....	3.20
	Frank C. Eells.....	.....do.....	8.75
	F. Parker.....	.....do.....	8.00
	Marion Innes.....	.....do.....	70.50
	Henry R. McNally.....	.....do.....	54.05
	N. B. Smith.....	.....do.....	38.50
	David R. Hodges.....	.....do.....	33.70
	C. H. Bugbee.....	.....do.....	19.75
	S. W. McClure.....	.....do.....	12.25
	M. S. Lantz.....	.....do.....	13.70
	Laomer West.....	.....do.....	17.75
	Jno. McBirney.....	.....do.....	108.25
	Chas. W. Deming.....	.....do.....	10.55
	W. R. Fleming.....	.....do.....	29.10
	N. L. Townsend.....	.....do.....	23.75
	Wilber H. Hurst.....	.....do.....	2.55
	Jno. J. Hayes.....	.....do.....	12.50
	A. J. Pistor.....	.....do.....	5.20
	Wm. F. Jones.....	.....do.....	30.85
	Chas. Cowie.....	.....do.....	11.25
	Jno. S. Martin & Co.....	Office rent.....	126.00
	W. S. Goodhue.....	.....do.....	50.00
	Jno. F. Blackwell.....	Use horse and buggy.....	36.00
	Edw. A. McDonald.....	Services.....	120.00
	Jas. W. Davis.....	.....do.....	75.80
	Rice P. Steddum.....	Expenses.....	3.70
	T. A. Shipley.....	.....do.....	9.60
	Don C. Ayer.....	.....do.....	1.04
	A. E. Behnke.....	.....do.....	21.00
15	E. Van Winkle.....	Purchase of land.....	3,336.02
16	O. E. Dyson.....	Use of horse.....	25.00
	Sunset Telephone and Telegraph Co.....	Service.....	10.50
	J. F. Ryder.....	.....do.....	168.50
	Jno. F. Deadman.....	.....do.....	9.00
	Orlando Eling.....	.....do.....	15.00
	Toobie A. Geddes.....	.....do.....	210.60
	W. H. Wray.....	.....do.....	387.50
	Harry N. Waller.....	Expenses.....	13.90
	Fred J. Goebel.....	.....do.....	9.55
	H. D. Paxson.....	.....do.....	40.00
	W. H. Wray.....	.....do.....	22.90
	Julius Huelsen.....	.....do.....	7.03
	.....do.....	.....do.....	6.50
	Hiram Jerome.....	.....do.....	9.70
	Geo. C. Faville.....	.....do.....	15.35
	J. F. Ryder.....	Traveling expenses.....	30.00
	R. A. Ramsay.....	.....do.....	97.20
	E. L. Volgenau.....	.....do.....	2.70
	Frank W. Brewer.....	.....do.....	55.05
	Jno. V. Laddey.....	.....do.....	26.30
	L. J. Allen.....	.....do.....	39.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 16	Wm. F. Hiatt.....	Traveling expenses.....	\$55.45
	Benj. Howes.....	do.....	9.65
	W. N. D. Bird.....	do.....	18.10
	Samuel Somerville, jr.....	do.....	1.95
	Albert Dean.....	do.....	5.65
	Thos. W. Scott.....	do.....	7.05
	Thos. A. Bray.....	do.....	3.25
	Wm. C. Wootton.....	do.....	2.85
	Chas. Pearson.....	do.....	5.50
	Louis A. Klein.....	do.....	9.40
	Geo. Jerome.....	do.....	57.25
	E. N. Hutchinson.....	do.....	35.65
	O. B. Hess.....	do.....	15.20
	Louis Metsker.....	do.....	19.50
	Geo. E. Totten.....	do.....	6.75
	Geo. S. Baker.....	do.....	7.00
	Isaiah Richards.....	do.....	42.50
	W. H. Wray.....	do.....	3.76
	Geo. W. Browing.....	do.....	15.15
	Wm. L. Hiatt.....	do.....	69.74
	Wilton F. Crewe.....	do.....	21.35
	C. A. Clawson.....	do.....	34.80
	Theo. S. Rich.....	do.....	33.15
	Jas. W. Parker.....	do.....	4.70
	Jno. L. Burgett.....	do.....	6.80
	F. M. Perry.....	do.....	5.20
	Geo. C. Moser.....	do.....	11.40
	Western L. Johnson.....	do.....	24.25
	H. J. Hammond.....	do.....	78.00
	do.....	do.....	81.50
	H. H. Collins.....	do.....	21.50
	E. J. Foreman.....	do.....	13.25
	A. N. Irwin.....	do.....	17.10
	Wm. D. Jordan.....	do.....	65.70
	Marion Imes.....	do.....	95.84
	Walter E. Howe.....	do.....	32.50
	Dan McCuningham.....	do.....	44.60
	Wm. M. MacKellar.....	do.....	21.30
	Wm. L. Hiatt.....	do.....	53.00
	B. F. Van Valkenburgh.....	do.....	18.81
	H. D. Mayne.....	do.....	41.00
	W. R. Dennis.....	do.....	126.60
	Peter I. Kershner.....	do.....	36.19
	Arch H. Wallace.....	do.....	16.25
18	Geo. W. Pope.....	do.....	1.32
	Kansas City Stock Yards Co.....	Office rent.....	66.00
	do.....	do.....	45.00
	Nebraska Telephone Co.....	Service.....	13.50
	New York and New Jersey Telephone Co.....	do.....	7.50
	Missouri and Kansas Telephone Co.....	do.....	24.00
	Chicago Telephone Co.....	do.....	43.75
	do.....	do.....	5.94
	Wm. E. Pratt.....	Hog rings.....	35.98
	Queen & Co. (Incorporated).....	Paraffine.....	1.00
	Barber & Ross.....	Tacks.....	6.50
	Delano & Moore.....	Plates, etc.....	18.26
	Z. D. Gilman.....	Tubing, etc.....	21.61
	do.....	do.....	9.82
	W. B. Moses & Sons.....	Chair, etc.....	6.80
	American Ice Co.....	Ice.....	19.55
	Church & Stephenson.....	Lumber.....	59.00
	D. J. Kaufman.....	Coats.....	5.00
	Littlefield, Alvord & Co.....	Transportation.....	6.00
	Geo. F. Muth & Co.....	Ink.....	.83
	Rudolph, West & Co.....	Handles, etc.....	7.28
	Transit House Stores.....	Coal.....	15.15
	Glynn & Smith.....	Transportation.....	6.75
	Don C. Ayer.....	Use of horse.....	15.00
	Jas. W. Davis.....	Use of horse and buggy.....	18.00
	Frontier Towel Supply Co.....	Service.....	15.30
	Bay State Clean Towel Co.....	do.....	3.75
	South St. Joseph Coal Co.....	Ice.....	1.20
	Hibbard, Spencer, Bartlett & Co.....	Clippers.....	4.80
	J. R. Stafford.....	Use horse and wagon.....	10.00
	Silver Laundry and Towel Co.....	Service.....	5.33
	Cutler & Neilson Paint and Color Co.....	Paint.....	9.00
	S. W. Burt.....	Use of horse.....	25.00
	Henry Lehman & Sons.....	Painting tables.....	33.00
	Yawman & Erbe Manufacturing Co.....	Cases.....	8.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date	Name.	Nature of payment.	Total.
1904.			
Jan. 18	Mallinckrodt Chemical Works	Salts	\$1.45
	Union Envelope Co.	Envelopes	15.40
	United States Envelope Co.	do	13.60
	Geo. E. Howard	Labels	3,250.00
	do.	do	567.65
19	Union Stock Yards and Transit Co.	Office rent	375.00
	Gahan & Byrne	do	675.00
	W. S. Cass	Use horse and buggy	34.00
	New England Telephone and Telegraph Co.	Service	3.00
	do.	do	3.56
	do.	do	52.50
	F. P. Burnap	Ink	6.00
	W. D. Jordan	Use horse and buggy	75.00
	Thos. A. Bray	do	75.00
	Weehawken Stock Yards	Service	10.65
	Hampton Cooperative Creamery Association	Butter	2.60
	Louis A. Klein	Use horse and saddle	75.00
	Jno. Furlush	Corn	35.00
	Stockyards Hardware and Paint Co	Pliers	3.20
	H. W. Hawley	Use horse and buggy	32.00
	Rockwell-Barns Co	Pads, etc.	4.25
	The Consumers Co	Ice	24.85
	do.	Water	1.50
	Mendenhall Transportation Co.	Storage	12.00
	do.	do	3.45
	Jno. C. Lorenzen	Use horse and wagon	35.10
	Chicago Towel Supply Co.	Service	74.10
	Geo. E. Francis	Use horse and wagon	45.00
	W. S. Cass	Traveling expenses	58.90
	Russell G. Merrill	do	19.37
	Jno A. Sloan	do	3.90
	Jno. P. O'Leary	do	3.60
	Orlando Flieg	do	3.50
	Rice P. Steddom	do	2.95
	Robt. H. Treacy	do	29.95
	Chas. W. Pagle, Jr.	do	3.15
	L. A. Robinson	do	7.35
	Geo. W. Knorr	do	8.40
	Boyd Baldwin	Expenses	4.02
	L. K. Green	do	5.90
	N. K. Fegley	do	7.60
	O. E. Dyson	do	24.90
	E. T. Davison	do	8.82
	F. D. Ketchum	do	8.77
20	Wm. Proudfoot	Traveling expenses	74.80
	Jno. R. Mohler	do	31.67
	E. C. Schroeder	Expenses	6.40
	F. L. Russell	Services	96.00
25	Herman R. Ryder	Traveling expenses	2.20
	E. A. McDonald	do	56.95
	F. D. Ketchum	do	17.65
	Rice P. Steddom	Expenses	15.07
	J. B. Clancy	do	10.90
	do.	do	16.00
	do.	do	8.75
	S. E. Bennett	do	7.85
	Tribune Printing Co.	Advertising	2.01
	St. Louis National Stock Yards	Office rent	50.00
	New York Telephone Co.	Service	28.20
	Pennsylvania R. R. Co	Passenger transportation	41.75
	do.	do	17.00
	Chicago, Burlington and Quincy Rwy. Co	do	34.51
	Terre Haute and Indianapolis R. R. Co.	do	14.80
	New York Central and Hudson River R. R. Co.	do	23.50
	Baltimore and Ohio R. R. Co.	do	77.33
	The Missouri Pacific Rwy. Co.	do	22.50
	Burlington and Missouri River R. R. Co	do	21.50
	St. Louis and San Francisco R. R. Co.	do	28.65
	The Colorado and Southern Rwy. Co.	do	8.50
	Union Pacific R. R. Co.	do	51.00
	Northern Pacific R. R. Co.	do	5.90
	New York, New Haven and Hartford R. R. Co.	do	34.93
	Louisville and Nashville R. R. Co.	do	6.30
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do	18.00
	do.	do	15.70
	Chesapeake and Ohio Rwy. Co.	do	30.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 25	Oregon Short Line R. R. Co.	Passenger transportation.	\$16.30
	do.	do.	42.50
	Denver and Rio Grande R. R. Co.	do.	15.00
	The Wabash R. R. Co.	do.	23.50
26	Library Bureau.	Guides.	9.25
	Mallinckrodt Chemical Co.	Potassium acetate.	3.50
	Eimer & Amend.	Sodium sulphate.	22.19
	F. H. Crane.	Sash.	6.75
	E. J. Brooks & Co.	Presses.	12.50
	Fowler Manufacturing Co.	Towel service.	5.09
	Adams Express Co.	Transportation.	49.60
	Chas. R. Edmonston.	Tubes.	8.00
	Louis Hartig.	Wire.	3.96
	D. Frank Parker.	Paper.	21.00
	W. H. Dyer.	Wire.	3.00
	R. P. Andrews & Co.	Envelopes. ....	.98
	Geo. E. Howard.	Boxes.	112.50
	J. Baumgarten & Sons.	Stencil. ....	.75
	Pittsburg Union Stock Yards.	Rent.	60.00
	Fredk. W. Ainsworth.	Expenses.	1.50
	Albert Dean.	do.	6.79
	W. D. McArthur.	Services.	120.00
	The Bell Telephone Co. of Buffalo.	do.	18.00
	The New York and New Jersey Telephone Co.	do.	31.00
	Jno. Forbes.	Traveling expenses.	38.56
	C. O. Durfee.	do.	3.15
27	F. O. Pettet.	do.	20.75
	do.	do.	13.50
	Isaac W. O'Rourke.	do.	21.25
	J. Otis Jacobs.	do.	60.15
	Hugh M. Rowe.	do.	49.05
	Jno. W. Brown.	do.	6.05
	The Sioux City Stock Yards Co.	Rent.	60.00
	Walter E. Howe.	Service.	7.50
	Thos. Somerville & Sons.	Plates, etc.	4.53
	do.	Valves, etc. ....	.85
	M. Du Perow.	Cut outs.	1.44
	Jas. B. Lambie & Co.	Steel, etc.	1.10
	Edw. S. Schmid.	Mice.	1.50
	Wm. Lochte.	Hogs.	15.00
	Potomac Electric Power Co.	Lamps.	1.28
	do.	Current.	59.10
	do.	Lamps.	1.92
28	Thos. J. Lowry.	Traveling expenses.	10.75
	Geo. A. Bond.	do.	22.50
	Alex. E. Wight.	do.	34.25
	Thos. White.	do.	13.50
	Jno. A. Kiernan.	do.	35.90
29	Bausch & Lomb Optical Co.	Slides, etc.	34.95
	Queen & Co. Incorporation.	Alcohol.	6.00
	Henry Heil Chemical Co.	Vaseline, etc.	2.00
	Richard J. Blanche.	Expenses. ....	.75
	W. H. Meadors.	Traveling expenses.	15.75
30	Leroy Scribner.	Service.	85.20
31	Marion Dorset et al.	Salaries.	6,362.74
Feb. 2	Geo. M. Whitaker.	Services.	127.70
	Levi Wells.	do.	153.30
	Ed. H. Webster.	do.	170.30
	B. F. Van Valkenburgh.	do.	153.30
	Merrill W. Lang.	do.	153.30
	W. D. Collyer.	do.	153.30
	Jas. F. Hughes.	Traveling expenses.	2.35
	E. A. de Schweinitz.	do.	16.20
	Jas. E. Ellis.	do.	36.00
3	Barber & Ross.	Shears.	5.50
	Dulin & Martin Co.	Jar, etc.	1.70
	M. Du Perow.	Batteries.	1.50
	The Geo. W. Knox Express Co.	Transportation. ....	.95
	Jas. B. Lambie Co.	Brooms.	6.90
	McCauley & McGill.	Gas.	2.50
	E. Morrison Paper Co.	Parchment.	6.00
	Washington Gas Light Co.	Gas.	44.20
	Warren M. Whyte.	Pans.	17.60
	F. W. Hopkins.	Service.	127.70
	Thos. A. Bray.	do.	127.70
	Leslie J. Allen.	do.	127.70
	Frank W. Brewer.	do.	119.20
	Geo. W. Browning.	do.	119.20
	Jos. M. Good.	do.	119.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 3	David C. Hanawalt.....	Service.....	\$119.20
	Louis A. Klein.....	do.....	119.20
	W. B. Lincoln.....	do.....	119.20
	Wm. M. MacKellar.....	do.....	119.20
	Jno. A. Sloan.....	do.....	119.20
	A. H. Wallace.....	do.....	119.20
	Stephen L. Blount.....	do.....	102.20
	Jno. L. Burgett.....	do.....	102.20
	W. L. Hiatt.....	do.....	102.20
	Marion Imes.....	do.....	102.20
	Wm. D. Jordan.....	do.....	102.20
	Dan. McCuningham.....	do.....	102.20
	Walter H. Yingst.....	do.....	102.20
	Jos. M. Turner.....	do.....	76.60
	H. D. Mayne.....	do.....	59.34
	Julius Huelsen et al.....	Salaries.....	735.60
	Edw. P. Schaffter et al.....	do.....	741.38
	Boyd Baldwin et al.....	do.....	797.21
	Geo. Ditewig et al.....	do.....	1,220.90
	A. E. Behnke et al.....	do.....	1,306.96
	H. A. Hedrick et al.....	do.....	499.00
	Albert Dean et al.....	do.....	700.00
	Geo. W. Pope et al.....	do.....	413.30
	W. H. Rose et al.....	do.....	1,248.53
	A. G. G. Richardson et al.....	do.....	352.50
	Geo. C. Paville et al.....	do.....	298.10
	Nathan K. Fegley et al.....	do.....	265.60
	Fredk. Braginton et al.....	do.....	189.00
	E. P. Dowd et al.....	do.....	189.00
4	L. R. Baker et al.....	do.....	3,594.80
	Richd. J. Blanche et al.....	do.....	189.00
	F. L. De Wolf et al.....	do.....	265.60
	F. W. Huntington et al.....	do.....	162.20
	Chas. A. Schaffer et al.....	do.....	1,169.20
	Saml. E. Bennett et al.....	do.....	8,097.71
	Joshua Miller et al.....	do.....	538.41
	W. N. Neil et al.....	do.....	812.30
	W. B. Niles et al.....	do.....	454.50
	Thos. W. Scott et al.....	do.....	195.80
	U. G. Houck et al.....	do.....	153.30
	Geo. H. Woolfolk.....	Services.....	46.98
	C. L. Morin.....	do.....	102.20
	Jno. Forbes.....	do.....	13.19
5	Jno. A. Bell.....	do.....	24.00
	Geo. W. Butler.....	do.....	119.20
	D. Cumming.....	do.....	45.00
	F. M. Perry.....	do.....	119.20
	G. W. Ward.....	do.....	119.20
	Wm. H. Wade.....	do.....	76.60
	F. W. Ainsworth et al.....	Salaries.....	531.30
	Henry E. Armsby et al.....	do.....	281.70
	Jas. J. Brougham et al.....	do.....	1,939.75
	J. B. Clancy et al.....	do.....	3,925.29
	H. H. George et al.....	do.....	934.90
	L. K. Greene et al.....	do.....	323.50
	W. J. Murphy et al.....	do.....	204.30
	Rice P. Steddom et al.....	do.....	875.30
	H. Q. Thompson et al.....	do.....	2,283.27
	H. N. Waller et al.....	do.....	3,164.72
	B. P. Wende et al.....	do.....	2,170.60
6	F. W. Bicknell.....	Services.....	250.00
	Harry F. Hume.....	do.....	61.30
	H. D. Mayne.....	do.....	29.67
	Wm. E. Smith.....	do.....	90.00
	W. L. Niel.....	Expenses.....	9.00
	do.....	do.....	do
	B. F. Van Valkenburgh.....	do.....	36.38
	Boyd Baldwin.....	do.....	6.17
	E. C. Schroeder.....	do.....	7.30
	G. W. Ward.....	do.....	2.00
	Clarence B. Lane.....	Traveling expenses.....	45.75
	C. L. Morin.....	do.....	8.20
	Chas. Cowie.....	do.....	16.20
	Geo. M. Rommel.....	do.....	16.95
8	Jas. Fleming et al.....	Salaries.....	841.10
	Chas. Keane et al.....	do.....	553.30
	Eli L. Bertram et al.....	do.....	272.40
	Chas. H. Zink et al.....	do.....	539.80
	Jas. S. Kelly et al.....	do.....	265.60
	Don. C. Ayer et al.....	do.....	4,142.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 8	W. H. Gibbs et al.	Salaries	\$163. 50
	T. A. Shipley et al.	do.	342. 20
	Geo. A. Johnson et al.	do.	982. 40
	A. B. Morse et al.	do.	189. 00
	Niels C. Sorensen et al.	do.	2, 079. 30
	F. D. Ketchum et al.	do.	1, 176. 60
	M. O. Anderson et al.	do.	189. 00
	Clarence Loveberry et al.	do.	505. 30
	Vergil L. Brown et al.	do.	2, 936. 80
	Walter J. Stewart et al.	do.	4, 923. 10
	O. E. Dyson et al.	do.	10, 210. 33
	A. J. Payne.	Services.	61. 54
	Jas. Hewes.	do.	90. 00
	Jas. Irwin.	do.	85. 20
	Jas. W. Davis.	do.	76. 60
	The Chesapeake and Potomac Telephone Co.	Service.	15. 00
	do.	do.	110. 41
	The Real Estate and Improvement Co.	Rent of land.	56. 25
9	Robt. Darling et al.	Salaries.	204. 30
	O. B. Hess et al.	do.	422. 40
	Harry D. Paxson et al.	do.	1, 573. 50
	Geo. S. Baker et al.	do.	427. 40
	Levi P. Beechy et al.	do.	949. 80
	Jas. Hewes.	Traveling expenses.	47. 35
	E. A. de Schweinitz.	Expenses.	11. 40
	W. E. Hill.	Services.	102. 20
	Chas. Cowie.	do.	88. 00
	Geo. E. Howard.	Stamps.	528. 55
	do.	Labels.	3, 250. 00
	Z. D. Gilman.	Tubing, etc.	2. 85
	do.	Gloves.	10. 54
	Mackall Bros.	Filters.	72. 08
	Harvard Laundry Co.	Towel service.	6. 79
	Geo. N. Saegmuller.	Repairing transit.	9. 00
	Potomac Electric Power Co.	Electric current.	68. 02
	National Electric Supply Co.	Flexible stem and base.	1. 40
	Geo. F. Muth & Co.	Oil, etc.	14. 00
	C. A. Muddiman & Co.	Lamps. ....	. 50
	W. B. Moses & Sons.	Repairing chairs.	1. 65
	L. Leroy Lochte.	Shoeing horses.	27. 40
	Leidy S. Depue.	Straw.	402. 70
	do.	Bran, etc.	228. 00
	Underwood Typewriter Co.	Cushions.	1. 50
	Washington Gaslight Co.	Gas.	43. 00
11	Geo. S. Baker.	Traveling expenses.	7. 00
	W. D. Collyer.	do.	146. 81
	Chas. M. Day.	do.	15. 30
	W. E. Hill.	do.	16. 20
	Isaac N. Krowl.	do.	9. 15
	W. B. Niles.	do.	10. 50
	Jno. A. Stauffer.	do.	10. 30
	B. F. Van Valkenburgh.	do.	16. 33
	Geo. M. Whitaker.	do.	184. 78
	Henry E. Alvord.	do.	80. 25
	Clarence Loveberry.	Use horse and buggy.	50. 00
	Toobie A. Geddies.	Services.	212. 90
	Thos. W. Scott.	Expenses.	5. 00
	W. H. Rose.	do.	12. 50
	W. B. Niles.	do.	13. 00
	Clarence Loveberry.	do.	12. 40
	Julius Huelsen.	do.	8. 87
	H. H. George.	do.	11. 24
12	Geo. W. Pope.	do.	18. 31
	I. P. Roosa.	do.	1. 00
	Geo. W. Pope.	Traveling expenses. ....	. 81
	Jos. M. Good.	do.	12. 32
	M. W. Lang.	do.	184. 51
	W. S. Goodhue.	Office rent.	50. 00
	St. Louis National Stock Yards.	do.	50. 00
	Quackenbush & Sons.	Vise.	7. 25
	R. J. O'Brien & Bros. Co.	Bran, etc.	48. 98
	O. E. Dyson.	Use saddle horse.	25. 00
	Edison Electric Illuminating Co.	Service.	3. 22
	Eberhard Faber.	Erasers, etc.	40. 93
	do.	Bands, etc.	50. 16
	Geo. E. Francis.	Use horse and buggy.	45. 00
	J. R. Stafford.	Use horse and wagon.	10. 00
	H. C. Niles.	Chickens.	5. 00
	New York Telephone Co.	Services.	30. 09

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 12	Robt. Darling.....	Use horse and buggy.....	\$25.00
	Jas. W. Davis.....	do.....	18.00
	S. W. Burt.....	Use saddle horse.....	25.00
	Bellevue Chemical Co.....	Bloodstain.....	2.40
	F. P. Burnap Stationery and Printing Co.....	Desk, etc.....	74.45
	S. E. Bennett.....	Use saddle horse.....	28.00
	A. E. Behnke.....	Use horse, etc.....	35.00
	Brookline Gaslight Co.....	Gas.....	.80
	Hooper, Lewis & Co.....	Record book.....	2.00
	Chas. Hubinger.....	Gasoline.....	7.73
	do.....	Saw, etc.....	16.51
	Iowa Telephone Co.....	Service.....	12.00
	Chas. Keane.....	Use horse, etc.....	25.00
	Robt. Keith Furniture and Cabinet Co.....	Desk.....	22.50
	Mallinckrodt Chemical Co.....	Potassium acetate.....	.56
	do.....	Zinc.....	.75
	Jno. C. Lorenzen.....	Use horse, etc.....	33.75
	A. M. Lyman.....	Butter.....	11.02
	Chas. Lentz & Son.....	Sharpening knives.....	2.75
	F. D. Ketchum.....	Use horse, etc.....	25.00
	Don C. Ayer.....	do.....	15.00
	J. H. Bunnell & Co.....	Shades.....	4.10
	Jas. J. Brougham.....	Use horse, etc.....	40.00
	Geo. W. Butler.....	do.....	30.00
	Hiram W. Hawley.....	do.....	32.00
	W. I. Young & Co.....	Butter.....	681.93
	Whitall Tatum Co.....	Jars.....	5.78
13	Lewis Keiser.....	Hogs.....	200.00
15	Jno. S. Buckley.....	Traveling expenses.....	14.20
	Levi Wells.....	do.....	163.61
	A. D. Melvin.....	do.....	109.10
17	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	61.50
	The Chicago, Burlington and Quincy R. R. Co.....	do.....	21.79
	do.....	do.....	17.35
	Cincinnati, New Orleans and Texas Pacific Rwy. Co.....	do.....	20.45
	Chicago, Burlington and Quincy R. R. Co.....	do.....	1.86
	do.....	do.....	2.10
	do.....	do.....	2.57
	Jno. C. Massie.....	Traveling expenses.....	39.00
	E. A. McDonald.....	Services.....	96.00
	Arch. H. Wallace.....	Traveling expenses.....	23.98
	Thos. A. Bray.....	do.....	19.90
	Louis A. Klein.....	do.....	25.55
	Geo. W. Browning.....	do.....	23.04
	Jno. L. Burgett.....	do.....	40.71
	L. J. Allen.....	do.....	29.55
18	Pennsylvania Co.....	Passenger transportation.....	21.75
	do.....	do.....	17.50
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	41.12
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	58.00
	do.....	do.....	9.70
	Chicago, Rock Island and Pacific Rwy Co.....	do.....	39.04
	do.....	do.....	9.65
	Chicago and Northwestern Rwy. Co.....	do.....	68.22
	New York Central and Hudson River R. R. Co.....	do.....	29.50
	Burlington and Missouri River R. R.....	do.....	12.95
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	6.15
	Chicago, Indianapolis and Louisville Rwy. Co.....	do.....	8.00
	Illinois Central R. R. Co.....	do.....	12.75
	The Lake Shore and Michigan Southern Rwy. Co.....	do.....	30.00
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	10.55
	The Pullman Co.....	do.....	21.50
	Union Pacific R. R. Co.....	do.....	51.50
	Terre Haute and Indianapolis R. R. Co.....	do.....	30.80
	Southern Rwy. Co.....	do.....	15.95
	Michigan Central R. R. Co.....	Transportation.....	.51
	Metropolitan Steamship Co.....	do.....	.99
	Philadelphia and Reading Rwy.....	do.....	.75
	Pennsylvania R. R. Co.....	do.....	.71
	do.....	do.....	.51
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	10.13
	do.....	do.....	5.01
	Grand Trunk Rwy. of Canada.....	do.....	.88
	Erie R. R. Co.....	do.....	.84
	Boston and Maine R. R. Co.....	do.....	.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 18	Burlington and Missouri River R. R.	Transportation	\$7. 85
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.	3. 08
	J. H. Brigham	Traveling expenses	30. 88
19	Frank W. Brewer	do.	83. 21
	Toobie A. Geddes	do.	165. 50
	do.	do.	31. 53
	Wm. L. Hiatt	do.	64. 53
	Marion Imes	do.	114. 53
	Howard C. Johnson	do.	7. 10
	Jas. Johnston	do.	1. 25
	do.	do.	14. 06
	Wm. D. Jorden	do.	57. 95
	E. A. McDonald	do.	58. 40
	Wm. MacKellar	do.	64. 75
	Jno. A. Sloan	do.	4. 40
	Ed. H. Webster	do.	34. 97
	W. H. Wray	do.	20. 26
	do.	Services	387. 50
	Jas. Johnston	do.	127. 70
	Orlando Fling	do.	10. 00
	W. H. Wray	Expenses	2. 36
	Rice P. Steddum	do.	17. 37
20	H. D. Paxson	do.	25. 00
	Phipps, Gibson & Co.	Office rent	51. 09
23	Dan McCuningham	Traveling expenses	103. 16
	Mallinckrodt Chemical Works	Potassium acetate	1. 96
	do.	do.	8. 75
	W. J. Crawford	Services .....	. 90
	The Cutter Electric Manufacturing Co.	Slate	24. 30
	E. J. Brooks & Co.	Seals	5. 25
	F. P. Burnap Stationery and Printing Co.	Desks, etc.	97. 45
	J. R. M. Adams	Tape	2. 50
	Whitall, Tatum Co.	Asbestos	1. 50
	Jno. Underwood & Co.	Ink	1. 50
	Trustees of the Milk Street Trust	Office rent	75. 00
	W. E. Pratt	Hog rings	109. 07
	T. M. Michaels	Cabinet	32. 35
	Rockwell, Barnes Co.	Blotters	1. 20
	Queen & Co. (Incorporated)	Glass	6. 00
24	American Ice Co.	Ice	18. 38
	Geo. E. Bedell	Repairing chairs	6. 25
	Church & Stephenson	Lumber	20. 00
	Keasbey & Mattison Co.	do.	1. 64
	Lutz & Co.	Whips	4. 00
	E. Morrison Paper Co.	Cardboard	3. 00
	Rudolph, West & Co.	Brads, etc.	24. 74
	do.	do.	2. 30
	The Geo. W. Knox Express Co.	Transportation	1. 25
27	Postal Telegraph Cable Co.	Service	20. 48
	Western Union Telegraph Co.	do.	40. 64
29	E. A. de Schweinitz et al.	Salaries	6, 216. 14
Mar. 2	W. H. Baldwin	Traveling expenses	5. 95
	Ch. Wardell Stiles	do.	4. 80
	Clarence B. Lane	do.	7. 60
	U. G. Houck	do.	80. 89
	M. W. Lang	do.	53. 95
	H. D. Mayne	Services	95. 60
	Ed. H. Webster	do.	159. 40
	B. F. Van Valkenburgh	do.	143. 40
	Levi Wells	do.	143. 40
	Geo. M. Whitaker	do.	119. 60
	W. D. Collyer	do.	143. 40
	M. W. Lang	do.	143. 40
	Thos. W. Scott	Expenses	5. 00
	Ed. H. Webster	do.	3. 80
	Jas. S. Kelly	do.	13. 50
	do.	do. ....	. 75
	E. L. Bertram	do. ....	. 50
	W. S. Goodhue	Office rent	50. 00
3	Geo. C. Faville et al.	Salaries	278. 80
	Julius Huelsen et al.	do.	688. 80
	W. H. Rose et al.	do.	1, 175. 70
	H. A. Hedrick et al.	do.	467. 00
	W. J. Kennedy	Services	100. 00
	U. G. Houck	do.	143. 40
	J. Geo. Smith	Penholders, etc.	50. 40
	E. G. Schafer & Co.	Caps. ....	. 46
	Leo. Baum	Photos	10. 00
	Leidy S. Depue	Bran, etc.	228. 00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 3	Delano & Moore.....	Seed plates.....	\$14.66
	Z. D. Gilman.....	Zinc sulphate, etc.....	13.01
	do.....	Needles, etc.....	7.01
	Geo. E. Howard.....	Labels.....	3,250.00
4	H. Hiel Chemical Co.....	Alcohol.....	10.50
	H. A. Hedrick.....	Use horse, etc.....	12.00
	Gaylord Bros.....	Paper.....	.50
	Eberhard Faber.....	Pencils.....	3.27
	Edison Electric Illuminating Co.....	Electric service.....	3.56
	Geo. W. Butler.....	Use horse, etc.....	30.00
	Chadwick Copying Book Co.....	Books.....	22.00
	Bausch & Lomb Optical Co.....	Squares.....	12.15
	E. J. Brooks & Co.....	Glasses.....	81.50
	J. H. Bunnell & Co.....	Batteries.....	2.40
	Brookline Gaslight Co.....	Gas.....	.30
	Boyd Baldwin et al.....	Salaries.....	865.80
	Eli L. Bertram et al.....	do.....	255.20
	Nathan K. Fegley.....	do.....	248.80
	Edw. P. Dowd et al.....	do.....	177.00
	F. W. Huntington et al.....	do.....	151.60
	Joshua Miller et al.....	do.....	501.49
	Chas. A. Schaulfer et al.....	do.....	1,094.98
	Harry N. Waller et al.....	do.....	2,933.60
	F. L. De Wolf.....	Expenses.....	.55
	Marion Dorset.....	do.....	5.69
	H. H. George.....	do.....	5.97
	Eimer & Amend.....	Glasses, etc.....	15.04
5	Underwood Typewriter Co.....	Repairing.....	8.00
	United States Envelope Co.....	Envelopes.....	8.00
	The Randall-Faichney Co.....	Cases, etc.....	10.50
	Old Dominion Paper Co.....	Books.....	8.64
	Miller Lock Co.....	Repairing.....	14.45
	Library Bureau.....	Cards.....	42.65
	A. B. Morse.....	Expenses.....	.75
7	D. Cumming.....	Services.....	30.00
	Geo. W. Butler.....	do.....	111.60
	Harry F. Hume.....	do.....	57.40
	Bert Haskett.....	do.....	51.43
	C. L. Morin.....	do.....	95.60
	Hervey T. Potter.....	do.....	22.00
	F. M. Perry.....	do.....	111.60
	J. E. Troughton.....	do.....	57.40
	W. H. Wade.....	do.....	71.80
	Don C. Ayer et al.....	Salaries.....	3,874.03
	Geo. A. Johnson et al.....	do.....	917.63
	Rice P. Steddom et al.....	do.....	3,042.00
	Geo. W. Pope et al.....	do.....	388.40
	S. E. Bennett et al.....	do.....	7,441.49
	Jas. J. Brougham et al.....	do.....	2,031.20
	Jas. S. Kelley et al.....	do.....	248.80
	O. E. Dyson et al.....	do.....	9,534.20
	Virgil L. Brown et al.....	do.....	2,641.51
	Jas. Fleming et al.....	do.....	787.80
	W. A. Savage et al.....	do.....	3,829.22
	F. L. De Wolf et al.....	do.....	248.80
8	Thos. W. Scott et al.....	do.....	183.40
	Lewis R. Baker et al.....	do.....	3,287.10
	Edw. P. Schaffter et al.....	do.....	806.41
	W. H. Gibbs et al.....	do.....	153.00
	Frank Braginton et al.....	do.....	177.00
	A. B. Morse et al.....	do.....	177.00
	A. J. Payne.....	Services.....	127.40
	Geo. W. Ward.....	do.....	111.60
	Wm. E. Smith.....	do.....	90.00
	Jas. Hewes.....	do.....	90.00
9	H. E. Alvord.....	Traveling expenses.....	174.46
10	Boyd Baldwin.....	Expenses.....	5.12
	F. W. Bicknell.....	Services.....	250.00
	Chas. Cowie.....	do.....	88.00
	W. J. Kennedy.....	do.....	100.00
	Levi Wells.....	Traveling expenses.....	110.76
	Artemus Irving.....	do.....	6.50
	H. T. Potter.....	do.....	1.50
	C. L. Morin.....	do.....	3.80
	F. M. Perry.....	do.....	3.20
	Earl C. Cannon.....	do.....	4.50
	Jas. Hewes.....	do.....	16.00
	Robt. Darling et al.....	Salaries.....	191.40
	Chas. Keane et al.....	do.....	518.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 10	Clarence Loveberry.....	Salaries.....	\$479.40
	Levi P. Beechy et al.....	do.....	887.10
	Harry D. Paxson et al.....	do.....	1,473.00
	Geo. Ditewig et al.....	do.....	1,222.42
	F. D. Ketchum et al.....	do.....	1,101.80
	Harrison H. George et al.....	do.....	812.04
	L. K. Green et al.....	do.....	303.00
	Fredk. W. Ainsworth et al.....	do.....	497.40
	Henry P. Armsby et al.....	do.....	271.60
	Neils C. Sorensen et al.....	do.....	1,952.38
	Trajan A. Shipley et al.....	do.....	320.60
	Albert E. Behnke et al.....	do.....	1,158.14
	Chas. H. Zink et al.....	do.....	505.40
	B. P. Wende et al.....	do.....	2,016.80
	Wesley N. Neil et al.....	do.....	702.28
	Geo. S. Baker et al.....	do.....	400.20
	Richd. J. Blanche et al.....	do.....	216.56
	O. B. Hess et al.....	do.....	395.20
	J. B. Clancy et al.....	do.....	3,349.16
	M. O. Anderson et al.....	do.....	177.00
	W. J. Murphy et al.....	do.....	191.40
11	W. H. Wray.....	Services.....	362.50
	Jas. Johnston.....	do.....	119.60
	A. D. Melvin.....	Traveling expenses.....	91.10
	Ch. Wardell Stiles.....	Expenses.....	1.80
	.....do.....	do.....	21.04
	W. H. Rose.....	do.....	13.80
	S. E. Bennett.....	do.....	.70
	.....do.....	do.....	1.50
	B. F. Van Valkenburgh.....	do.....	36.45
	Clarence Loveberry.....	do.....	12.00
	Julius Huelsen.....	do.....	8.95
	United States Express Co.....	Transportation.....	18.50
	W. I. Young & Co.....	Butter.....	1,173.39
	St. Louis National Stock Yards.....	Office rent.....	50.00
	Milk Street Trust.....	do.....	75.00
	Jno. Post.....	Oats, etc.....	48.60
	The M. Lindsay Rubber Co.....	Gloves.....	6.75
	Geo. E. Howard.....	Stamps, etc.....	1,016.15
	Potomac Electric Power Co.....	Electric current.....	67.50
	American Ice Co.....	Ice.....	17.08
	E. L. Cushman.....	Chuck.....	3.60
	Washington Gas Light Co.....	Gas.....	45.70
	F. D. Ketchum.....	Horse hire.....	25.00
	Jas. J. Brougham.....	do.....	40.00
	S. E. Bennett.....	do.....	28.00
	Clarence Loveberry.....	do.....	50.00
	Chas. Keane.....	do.....	25.00
	Hiram W. Hawley.....	do.....	32.00
	Geo. E. Francis.....	do.....	45.00
	Robt. Darling.....	do.....	25.00
	O. E. Dyson.....	do.....	25.00
	S. W. Burt.....	do.....	25.00
	A. E. Behnke.....	do.....	35.00
	Don C. Ayer.....	do.....	15.00
	J. R. Stafford.....	do.....	10.00
	Jno. C. Lorenzen.....	do.....	33.75
14	Densmore Typewriter Co.....	Repairing typewriter.....	11.50
	Delano & Moore.....	Films.....	7.00
	Harvard Laundry Co.....	Service.....	5.03
	L. L. Lochte.....	Shoeing horses.....	9.25
	Lamb & Tilden.....	Stamp holder.....	1.50
	Littlefield, Alvord & Co.....	Transportation.....	3.05
	.....do.....	do.....	4.00
	Rudolph, West & Co.....	Hardware.....	10.32
	Thos. Somerville & Sons.....	Pipes, etc.....	13.15
	E. C. Schroeder.....	Expenses.....	6.40
	W. H. Wray.....	do.....	3.27
	A. J. Meyer.....	Services.....	65.00
	Geo. S. Baker.....	Traveling expenses.....	7.00
	W. D. Collyer.....	do.....	79.10
	W. H. Wray.....	do.....	6.72
	B. F. Van Valkenburgh.....	do.....	18.59
	O. L. Leighton.....	do.....	4.00
	M. Du Perow.....	Phone receiver.....	3.10
	Delano & Moore.....	Solio prints.....	2.67
17	Chicago, Milwaukee and St. Paul Rwy. Co....	Transportation.....	1.21
	Chicago and Alton Rwy. Co.....	do.....	.21
	Chicago, Burlington and Quincy Rwy. Co....	do.....	.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 17	Chicago and Alton Rwy. Co.....	Transportation.....	\$0.61
	Chicago and Northwestern Rwy. Co.....	do.....	1.96
	The Chesapeake and Ohio Rwy. Co.....	Passenger transportation.....	19.25
	Chicago and Northwestern Rwy. Co.....	do.....	68.00
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	17.08
	U. G. Houck.....	Traveling expenses.....	77.56
	F. C. Sigrist.....	do.....	2.00
	J. F. Ryder.....	do.....	30.00
	do.....	do.....	30.00
	do.....	Services, January.....	170.30
	do.....	Services, February.....	159.40
	Toole A. Geddes.....	do.....	199.20
18	The M. Joyce Engraving Co.....	Stamp.....	.50
	Capital Traction Co.....	Tickets.....	10.00
	Chas. A. Edmondson.....	Pans, etc.....	13.22
	Potomac Electric Power Co.....	Lamps.....	2.00
	E. G. Schafer & Co.....	Pipes, etc.....	6.54
	Star Union Line.....	Transportation.....	1.66
	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.....	Passenger transportation.....	7.25
	Pennsylvania R. R. Co.....	do.....	14.25
	do.....	do.....	17.00
	Union Pacific R. R. Co.....	do.....	55.35
	White Star Line.....	do.....	60.00
	W. D. McArthur.....	Services.....	240.00
	G. W. Pope.....	Expenses.....	12.80
	R. P. Steddom.....	do.....	19.61
	G. W. Pope.....	Traveling expenses.....	4.56
	D. R. Alton.....	do.....	3.25
	Illinois Central R. R. Co.....	Transportation.....	1.62
21	Eimer & Amend.....	Brushes, etc.....	48.96
	The American Distribution Co.....	Alcohol.....	68.34
	Bausch & Lomb Optical Co.....	Forceps, etc.....	6.46
	Transit House Stores.....	Coal.....	23.00
	A. Stephenson & Co.....	Chair.....	3.50
	Yawman & Erb Manufacturing Co.....	Cases.....	8.00
	Arthur H. Thomas Co.....	Jars, etc.....	7.07
	Phillip Lindemeyer.....	Paper.....	.48
	Jno. Underwood & Co.....	do.....	13.50
	Eberhard Faber.....	Bands.....	5.52
	Rockwell-Barnes Co.....	Ink.....	2.25
	Rand, McNally & Co.....	Eradicator.....	1.25
	The Randall Faichney Co.....	Needles, etc.....	12.13
	do.....	do.....	6.91
	Queen & Co. (Incorporated).....	Cylinder.....	6.00
	R. J. O'Brien Bros. Co.....	Hay, etc.....	48.66
	Old Dominion Paper Co.....	Books.....	17.28
	Library Bureau.....	Guides.....	2.69
	do.....	do.....	24.58
	Toole A. Geddes.....	Traveling expenses.....	17.59
	S. C. Shale.....	do.....	7.00
	Geo. W. Pope.....	do.....	11.78
	A. W. Bosworth.....	Services.....	75.00
	E. A. McDonald.....	do.....	80.00
22	Lamb & Tilden.....	Rack.....	.65
	L. S. Depue.....	Corn and oats.....	780.00
	R. Carter Ballantyne.....	Erasers, etc.....	23.54
23	Frank Hoswell.....	Services.....	15.83
24	Barber & Ross.....	Files.....	3.85
	do.....	Wheels.....	41.79
	Mallencrodt Chemical Works.....	Alum, etc.....	5.06
	Mackall Bros.....	Vials, etc.....	189.93
26	R. V. R. Post.....	Lime, etc.....	12.50
	Doremus & Snyder.....	Pipe, etc.....	20.99
	Orlando Fling.....	Traveling expenses.....	12.90
	do.....	Services.....	25.00
29	Southern Rwy. Co.....	Passenger transportation.....	31.56
	Pennsylvania R. R. Co.....	do.....	6.50
	The Pullman Co.....	do.....	2.00
	New York Central and Hudson River R. R. Co.....	do.....	4.58
	New York, New Haven and Hartford R. R. Co.....	do.....	5.00
	The Missouri Pacific Rwy. Co.....	do.....	16.50
	Louisville and Nashville R. R. Co.....	do.....	3.50
	The Chicago, Burlington and Quincy Rwy. Co.....	do.....	10.85
	D. E. Salmon.....	Traveling expenses.....	18.35
31	Geo. E. Bedell.....	Repairing chairs.....	13.75
	Leidy S. Depue.....	Oats.....	45.00
	do.....	Meal.....	48.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 31	Underwood Typewriter Co.	Cleaning typewriter.	\$12.00
	W. S. Goodhue.	Office rent.	50.00
	Jno. S. Martin & Co.	do.	126.00
	Geo. P. McCabe et al.	Salaries.	6,458.30
	Total third quarter.		299,843.66
Apr. 4	A. B. Hollis.	Traveling expenses.	2.60
	O. E. G. Olmsted.	do.	2.00
	Robt. Billsborough.	Services.	3.38
	W. D. Collyer.	do.	153.30
	M. W. Lang.	do.	153.30
	B. F. Van Valkenburgh.	do.	153.30
	Levi Wells.	do.	153.30
	Geo. M. Whitaker.	do.	127.70
5	S. E. Bennett et al.	Salaries.	7,570.52
	Geo. W. Pope et al.	do.	359.50
	W. H. Rose et al.	do.	1,255.90
	Julius Huelsen et al.	do.	735.60
	H. A. Hedrick et al.	do.	499.00
	Robt. Billsborough.	Services.	3.00
6	Jas. Stikeman.	Office rent.	125.00
	Marion Dorset.	Expenses.	19.13
	E. C. Schroeder.	do.	8.28
	H. D. Mayne.	Service.	102.20
	U. G. Houck.	do.	153.30
7	H. D. Mayne.	Traveling expenses.	12.95
	N. C. Sorensen.	Expenses.	12.08
	Harry N. Waller.	do.	16.00
	F. W. Bicknell.	Services.	250.00
	J. F. Ryder.	do.	170.30
	Harry F. Hume.	do.	61.30
	D. Cumming.	do.	20.00
	W. H. Wade.	do.	76.60
	W. J. Kennedy.	do.	100.00
	F. M. Perry.	do.	119.20
	C. L. Morin.	do.	102.20
	Henry P. Armsby et al.	Salaries.	251.70
	Chas. A. Schaufler et al.	do.	1,180.50
	F. W. Huntington et al.	do.	162.20
	Harry N. Waller et al.	do.	3,221.10
	Nathan K. Fegley et al.	do.	265.60
	Geo. C. Faville et al.	do.	298.10
	E. P. Schaufler et al.	do.	861.55
	Geo. Ditewig et al.	do.	1,297.50
8	Albert E. Behnke et al.	do.	1,161.02
	H. H. George et al.	do.	873.60
	Boyd Baldwin et al.	do.	924.60
	Eli L. Bertram et al.	do.	272.40
	F. D. Ketchum et al.	do.	1,181.70
	Geo. A. Johnson et al.	do.	956.90
9	Lewis R. Baker et al.	do.	3,539.43
	Harry D. Paxson et al.	do.	1,370.80
	Virgil L. Brown et al.	do.	2,905.72
	Jas. Fleming et al.	do.	841.10
	Trajan A. Shipley et al.	do.	342.20
	Fredk. Braginton et al.	do.	189.00
	B. P. Wende et al.	do.	2,189.73
	M. O. Anderson et al.	do.	189.00
	W. H. Gibbs et al.	do.	163.50
	Arthur B. Morse et al.	do.	189.00
	Chas. H. Zink et al.	do.	539.80
	Harvey Q. Thompson et al.	do.	2,373.70
	L. K. Green et al.	do.	328.50
	Rice P. Steddom et al.	do.	875.30
	O. E. Dyson et al.	do.	10,185.37
	Wilber J. Murphy et al.	do.	204.20
	J. B. Clancy et al.	do.	3,486.06
	W. A. Savage et al.	do.	2,825.94
	D. C. Ayer et al.	do.	4,139.60
	S. E. Bennett.	Horse hire.	28.00
	Robt. Darling.	do.	25.00
	Jas. J. Brougham.	do.	40.00
	Geo. E. Howard.	Stamps.	340.20
	Jno. C. Parker.	Scratch books, etc.	91.29
	Jas. Hewes.	Services.	90.00
	Jno. A. Bell.	do.	16.00
	Chas. Thom.	do.	60.48
	Chas. Cowie.	do.	104.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 9	Geo. W. Ward.....	Services.....	\$119.20
	Albert W. Bosworth.....	do.....	75.00
	Wm. E. Smith.....	do.....	90.00
	A. J. Meyer.....	do.....	65.00
	Geo. W. Butler.....	do.....	119.20
	Albert J. Payne.....	do.....	136.30
	F. L. Russell.....	do.....	72.00
	Geo. A. Johnson.....	do.....	4.25
	Thos. W. Scott.....	Expenses.....	3.00
	B. P. Wende.....	do.....	135.00
	do.....	do.....	1.40
	F. L. De Wolf.....	do.....	.67
	Clarence Loveberry.....	do.....	24.25
	N. Rufus Gill.....	Office rent.....	31.25
	The Sioux City Stock Yards Co.....	do.....	60.00
	Wichita Union Stock Yards Co.....	do.....	20.00
	Grand Trunk Rwy. System.....	do.....	37.50
	Belt R. R. and Stock Yards Co.....	do.....	30.00
	T. F. Rogers, agent.....	do.....	52.50
	H. J. Harwood.....	do.....	62.50
	The Cincinnati Union Stock Yards Co.....	do.....	45.00
	St. Louis National Stock Yards Co.....	do.....	50.00
	East Buffalo Live Stock Exchange Co.....	do.....	90.00
	Trustees Milk Street Trust.....	do.....	75.00
	do.....	do.....	81.25
	Washington Gaslight Co.....	Gas.....	42.20
	E. H. Catlin & Co.....	Spindles.....	2.40
	A. E. Behnke.....	Horse hire.....	35.00
	C. L. Morin.....	Traveling expenses.....	3.55
	Edw. K. Ward.....	do.....	4.40
11	Chesapeake and Potomac Telephone Co.....	Service.....	9.60
	Iowa Telephone Co.....	do.....	12.00
	Henry Heil Chemical Co.....	Alcohol.....	7.00
	Daniel Gallagher.....	Typewriter desk.....	7.90
	Electro-Tint Engraving Co.....	Illustrations.....	60.00
	Edison Electric Illuminating Co.....	Electric light.....	3.19
	Cornell University.....	Butter.....	7.83
	Bay State Clean Towel Co.....	Service.....	3.75
	Brookline Gaslight Co.....	Gas.....	.30
	E. J. Brooks & Co.....	Seals.....	42.00
	J. Bishop & Co.....	Wire.....	2.35
	American Tag Co.....	Fasteners.....	16.00
	E. A. McDonald.....	Services.....	112.00
	Maggie Taylor.....	do.....	4.95
	Chas. Keane et al.....	Salaries.....	553.30
	F. L. De Wolf et al.....	do.....	265.60
	Edw. P. Dowd et al.....	do.....	189.00
	Robt. Darling et al.....	do.....	204.30
	Jas. S. Kelly et al.....	do.....	265.60
	Joshua Miller et al.....	do.....	548.30
	Weslie N. Neil et al.....	do.....	844.08
	Thos. W. Scott et al.....	do.....	195.80
	Fredk. W. Ainsworth et al.....	do.....	531.30
	Richd. J. Blanche et al.....	do.....	253.29
	Neils C. Sorensen et al.....	do.....	2,300.90
	Clarence Loveberry et al.....	do.....	471.78
	Geo. S. Baker et al.....	do.....	427.40
	Jas. J. Brougham et al.....	do.....	2,169.40
	Levi P. Beachy et al.....	do.....	905.26
	O. B. Hess et al.....	do.....	422.40
12	The Sacramento Union.....	Advertising.....	3.67
	United States Envelope Co.....	Envelopes.....	92.70
	Phillip Lindemeyr.....	Paper.....	.48
	Maryland Telephone and Telegraph Co.....	Service.....	12.00
	New England Telephone and Telegraph Co.....	do.....	52.50
	do.....	do.....	12.50
	do.....	do.....	4.50
	R. J. O'Brien & Bros. Co.....	Oats, etc.....	48.44
	W. E. Pratt.....	Hog rings.....	96.25
	Queen & Co. (Incorporated).....	Lead acetate.....	.66
	Chadwick Copying Book Co.....	Books.....	46.00
13	American Ice Co.....	Ice.....	22.10
	St. Joseph Stock Yards Co.....	Office rent.....	135.00
	Emma J. Adams et al.....	do.....	120.00
	Bourbon Stock Yards Co.....	do.....	20.00
	Union Stock Yards and Transit Co.....	do.....	375.00
14	Z. D. Gilman.....	Syringe barrels.....	73.70
	Forsberg & Murray.....	Grate bars.....	21.38
	Woodward & Lothrop.....	Desk, etc.....	53.27

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 14	W. B. Moses & Sons	Mirrors	\$2.00
	Remington Typewriter Co.	Repairing typewriter	112.50
	Rudolph, West & Co.	Nails, etc.	4.97
	Littlefield, Alvord & Co.	Transportation .....	.60
15	Louis Smith	Services	5.00
	Jno. Caldwell	do	12.00
18	Postal Telegraph Cable Co.	Service	13.12
	N. H. Shea	Soapine	1.92
	Thos. Somerville & Sons	Packing, etc	5.90
	Fred A. Schmidt	Ruling pens	1.88
	Rex Sanitary Appliance Co.	Disinfectors	8.40
	D. Frank Parker	Silk	12.00
	E. S. Newman	Paper	2.25
	The M. Joyce Engraving Co.	Signatures	1.00
	Harvard Laundry Co.	Service	5.61
	L. S. Depue	Bran, etc.	69.00
	Western Union Telegraph Co.	Service	6.08
19	W. H. Wray	Services	387.50
	Tooie A. Geddes	do	212.90
	Jas. Johnson	do	127.70
	H. T. Potter	do	17.00
	Nebraska Telephone Co.	Service	13.50
	Chicago Telephone Co.	do	7.50
	do	do	43.75
	New Telephone Co.	do	20.00
	Missouri and Kansas Telephone Co.	do	12.50
	do	do	25.50
	New York and New Jersey Telephone Co.	do	35.10
	The Bell Telephone Co.	do	40.00
	Frontier Towel Supply Co.	do	17.55
	Chicago Towel Supply Co.	do	83.50
	Fowler Manufacturing Co. (Limited)	do	5.09
	Silver Laundry and Towel Co.	do	3.88
	Armstrong Laundry Co.	do	1.17
	Independent Stock Yards Co.	Rent	62.50
	Pittsburgh Union Stock Yards Co.	do	45.00
	Kansas City Stock Yards Co.	do	66.00
	do	do	66.00
	Gahan & Byrne	do	675.00
	Clarence Loveberry	Horse hire	50.00
	Geo. E. Francis	do	45.00
	F. D. Ketchum	do	25.00
	Chas. Keane	do	25.00
	Geo. W. Butler	do	30.00
	J. K. Stafford	do	10.00
	Chas. A. Schauflier	do	105.00
	Don C. Ayers	do	15.00
	Jno. C. Lorenzen	do	35.10
	S. W. Burt	do	25.00
	O. E. Dyson	do	25.00
	H. W. Hawley	do	32.00
	Harry M. Ball	Traveling expenses	12.65
	M. W. Lang	do	136.53
	E. A. McDonald	do	88.90
	do	do	18.45
	Tooie A. Geddes	do	76.49
	J. F. Ryder	do	17.07
	Geo. W. Pope	do	18.62
	Jos. M. Turner	do	7.45
	B. F. Van Valkenburgh	do	20.53
	Jas. Johnston	do .....	.72
	A. D. Melvin	do	116.40
	J. P. O'Leary	do	6.10
	F. M. Perry	do	13.20
	H. T. Potter	do	6.25
	R. H. Treacy	Expenses	19.30
	B. F. Van Valkenburgh	do	29.16
	Boyd Baldwin	do	5.12
	H. A. Hedrick	do	12.40
	Geo. C. Faville	do	17.65
	Nathan K. Fegley	do	6.10
	Albert J. Payne	do	1.20
	Tooie A. Geddes	do	4.19
	do	do	9.03
	W. H. Rose	do	12.75
	Julius Huelsen	do	12.04
	Geo. Ditewig	do	33.14
	Jas. J. Brougham	do	17.80
	Fredk. Brougham	do	1.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 19	Albert C. Behnke.....	Expenses.....	\$19.21
	Fred J. Goebel.....	do.....	7.90
	H. H. George.....	do.....	19.19
	Chas. Keane.....	do.....	9.30
	Hiram Jerome.....	do.....	10.15
	Joshua Miller.....	do.....	17.24
	Cutler & Nelson Paint and Color Co.....	Paint, etc.....	12.40
	The Consumers Co.....	Ice.....	23.80
	do.....	Water.....	1.50
	Duff & Repp Furniture Co.....	Window shades.....	3.20
	Library Bureau.....	Cards.....	10.69
	L. Le Roy Lochte.....	Shoeing horses.....	16.00
	Chas. Hubinger.....	Gasolene.....	15.61
	do.....	Wrench, etc.....	6.47
	Henry Heil Chemical Co.....	Acid, chromic, etc.....	4.40
	Whitall Tatum Co.....	Handles.....	1.68
	Thacher & Ireland.....	Paint.....	4.20
	Union Envelope Co.....	Envelopes.....	13.20
	do.....	do.....	78.54
	Rockwell-Wabash Co.....	Files.....	.76
	Rock Co.....	Stamps, etc.....	3.00
	Stockyard Hardware and Paint Co.....	Paper, etc.....	3.50
	Glynn & Smith.....	Transportation.....	5.00
	G. S. Stott.....	Mucilage.....	9.80
	Queen & Co. (Incorporated).....	Paraffin.....	7.52
	Miller Lock Co.....	Padlocks.....	14.00
	Mendenhall Transportation Co.....	Storage.....	6.00
	do.....	Stamps.....	14.10
	Bausch & Lomb Optical Co.....	Paraffin.....	97.07
	Combe Printing Co.....	Files, etc.....	2.00
	W. I. Young & Co.....	Butter.....	673.50
20	S. E. Bennett.....	Expenses.....	1.35
	Rice P. Steddom.....	do.....	19.19
	W. H. Wray.....	do.....	23.31
	H. H. Hicks.....	Traveling expenses.....	37.10
	Chas. W. Pagle, jr.....	do.....	2.25
	Chas. M. Day.....	do.....	34.10
	Orlando Fling.....	do.....	4.50
	W. H. Wray.....	do.....	8.54
	U. G. Houck.....	do.....	71.43
	W. N. D. Bird.....	do.....	5.10
	G. W. Ward.....	do.....	3.70
	Geo. S. Baker.....	do.....	9.20
	L. K. Green.....	do.....	5.53
	Jas. Johnston.....	do.....	1.00
	Jas. Hewes.....	do.....	167.05
	Pere Marquette R. R. Co.....	Passenger transportation.....	2.27
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	19.00
	do.....	do.....	6.60
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	31.15
	Central Vermont Rwy. Co.....	do.....	8.60
	The Wabash R. R. Co.....	do.....	7.50
	Southern Rwy. Co.....	do.....	65.80
	The Cunard Steamship Co.....	do.....	90.00
	Leidy S. Depue.....	Oats, etc.....	3.03
	Geo. C. Howard.....	Envelopes.....	10.75
	Dulin & Martin Co.....	Bucket.....	1.00
	Potomac Electric Power Co.....	Electric current.....	66.50
	New York Telephone Co.....	Office rent.....	27.95
	New York and New Jersey Telephone Co.....	Service.....	7.75
	Weehawken Stock Yard Co.....	do.....	9.15
	Carter Rice & Co.....	Paper.....	29.16
	H. A. Hedrick.....	Horse hire.....	20.00
	New York, New Haven and Hartford Co.....	Transportation.....	.25
	do.....	do.....	1.74
	New York Central and Hudson River R. R. Co.....	do.....	1.57
	Chicago and Northwestern Rwy. Co.....	do.....	3.28
	Wabash R. R. Co.....	do.....	.87
	Houston and Texas Central R. R. Co.....	do.....	1.62
	Erie R. R. Co.....	do.....	.75
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	do.....	.85
	Chesapeake and Ohio Rwy. Co.....	do.....	.69
21	Clark & Davenport.....	Carpet.....	83.49
	F. W. Ainsworth.....	Expenses.....	7.30
	O. E. Dyson.....	do.....	20.31
	Chas. A. Schaufer.....	do.....	45.95

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 21	L. K. Green.....	Expenses.....	\$3. 15
	T. A. Shipley.....	do.....	10. 75
	Edw. K. Ward.....	Traveling expenses.....	4. 20
	O. B. Hess.....	do.....	11. 10
22	Chas. Cowie.....	do.....	12. 25
	A. G. G. Richardson.....	do.....	62. 94
	Orlando Fling.....	Services.....	20. 00
	Chicago, Rock Island and Pacific Rwy. Co.....	Transportation.....	1. 53
	Chicago, Rock Island and Gulf Rwy. Co.....	Passenger transportation.....	14. 50
	Missouri Tent and Awning Co.....	Services.....	6. 00
23	The Randall Faichney Co.....	Thermometers.....	30. 63
	Campbell, Morrell & Co.....	Seeds.....	7. 34
	R. P. Coady.....	Repairing desk.....	24. 50
	Doremus & Snyder.....	Wheels, etc.....	42. 36
	B. P. Wende.....	Traveling expenses.....	4. 10
	Wm. E. Smith.....	do.....	9. 90
	W. C. Wootten.....	do.....	1. 80
	Herman R. Ryder.....	do.....	5. 35
	W. D. Collyer.....	do.....	48. 10
	Levi Wells.....	do.....	143. 55
	F. L. Russell.....	do.....	26. 10
	E. L. Volgenau.....	do.....	6. 15
	A. J. Smith.....	do.....	74. 00
25	Wm. H. Rupp Co.....	Files, etc.....	3. 80
	Francis Miller.....	Glass.....	18. 66
	The Chesapeake and Potomac Telephone Co.....	Service.....	117. 75
	W. J. Brooks.....	Traces.....	4. 90
27	E. J. Brooks & Co.....	Car seals.....	35. 00
	Mallinckrodt Chemical Works.....	Permanganate.....	. 24
	do.....	Potassium acetate.....	8. 75
	United States Envelope Co.....	Envelopes.....	9. 40
	Jno. Post.....	Oats and bran.....	39. 50
	Jno. L. Boland Book and Stationery Co.....	Letter press.....	8. 00
	J. M. Nicholas.....	Copying bath, etc.....	9. 00
	Remington Typewriter Co.....	Paper.....	23. 40
	National Electrical Supply Co.....	Repairing motor.....	2. 50
	Leidy S. Depue.....	Meals, etc.....	69. 00
	R. P. Andrews & Co.....	Paste and clips.....	9. 70
	Robt. H. Carter.....	Services.....	15. 82
	J. B. Clancy.....	Expenses.....	21. 32
	do.....	do.....	24. 00
	D. R. Alton.....	Traveling expenses.....	2. 05
	Geo. W. Knox Express Co.....	Transportation.....	. 37
	Chas. Lentz Sons.....	Sharpening knives.....	1. 25
28	Chicago, Milwaukee and St. Paul Rwy. Co.....	Passenger transportation.....	38. 50
	do.....	do.....	10. 55
	Clark & Davenport.....	Carpets.....	6. 84
30	F. W. Bicknell.....	Services.....	250. 00
	Jno. Caldwell.....	do.....	39. 00
	Wm. L. Phillips.....	do.....	3. 00
	Louis Smith.....	do.....	5. 00
	Geo. P. McCabe et al.....	Salaries.....	6, 012. 50
May 2	Jos. S. Keane.....	Traveling expenses.....	1. 40
	M. W. Lang.....	Services.....	148. 30
	W. D. Collyer.....	do.....	148. 30
	Levi Wells.....	do.....	148. 30
	B. F. Van Valkenburgh.....	do.....	148. 30
	G. M. Whitaker.....	do.....	123. 60
	C. Wardell Stiles.....	Expenses.....	1. 10
	U. G. Pitney.....	Services.....	148. 30
3	A. L. Pitney.....	do.....	148. 30
	A. W. Bosworth.....	do.....	75. 00
	Chas. Thom.....	do.....	75. 00
	D. E. Salmon.....	Traveling expenses.....	15. 00
4	Sunset Telephone and Telegraph Co.....	Services.....	10. 50
	The Randall Faichney Co.....	Needles.....	6. 00
	New York Telephone Co.....	Service.....	28. 80
6	Geo. E. Howard.....	Meat labels.....	1, 625. 00
	do.....	Stamps.....	414. 10
	Remington Typewriter Co.....	Paper.....	18. 70
	W. S. Goodhue.....	Rent.....	50. 00
7	O. E. Dyson et al.....	Salaries.....	9, 735. 87
	Saml. E. Bennett et al.....	do.....	7, 393. 87
	Louis R. Baker et al.....	do.....	3, 542. 23
	Harry N. Waller et al.....	do.....	3, 111. 50
	Willard S. Savage et al.....	do.....	3, 019. 24
	Harry Q. Tompson et al.....	do.....	2, 303. 44
	B. P. Wende et al.....	do.....	2, 094. 70
	W. H. Rose et al.....	do.....	1, 215. 65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 7	Chas. A. Schaufier et al.	Salaries	\$1,215.00
	Geo. Ditewig et al.	do.	1,213.78
	Albert E. Behnke et al.	do.	1,169.28
	Wesley N. Nell et al.	do.	860.40
	Boyd Baldwin et al.	do.	855.48
	T. W. Carachan et al.	do.	845.74
	E. P. Schaffter et al.	do.	833.90
	Julius Heulsen et al.	do.	712.10
	Joshua Miller et al.	do.	530.00
	H. A. Hedrick et al.	do.	482.00
	Geo. W. Pope et al.	do.	461.99
	T. A. Shipley et al.	do.	331.30
	Geo. C. Faville et al.	do.	288.50
	EH L. Bertram et al.	do.	263.80
	Richd. J. Blanche et al.	do.	257.10
	Nathan K. Fegley et al.	do.	257.10
	F. L. De Wolf et al.	do.	257.10
	Wilbur J. Murphy et al.	do.	197.80
	Thos. W. Scott et al.	do.	189.60
	Edw. P. Dowd et al.	do.	182.90
	F. W. Huntington et al.	do.	152.90
	Rice P. Steddom.	Services	148.30
	Albert J. Payne.	do.	131.90
	Geo. W. Butler.	do.	115.40
	W. J. Kennedy.	do.	100.00
	F. M. Perry.	do.	115.40
	H. D. Mayne.	do.	98.90
	C. L. Morin.	do.	98.90
	Jas. W. Hewes.	do.	90.00
	W. H. Wade.	do.	74.20
	Henry F. Hume.	do.	59.30
	H. T. Potter.	do.	25.00
	John W. Kaull.	do.	13.19
	A. B. Morse.	Expenses	20.00
	Marion Dorset.	do.	11.40
	Boyd Baldwin.	do.	5.12
	C. L. Morin.	Traveling expenses	8.05
10	R. P. Steddom.	do.	33.77
	Jno. R. Mohler.	Expenses	6.00
	do.	do.	20.00
11	D. C. Ayer et al.	Salaries	4,088.31
	F. W. Ainsworth et al.	do.	512.26
	H. P. Armsby et al.	do.	186.60
	M. O. Anderson et al.	do.	182.90
	V. L. Brown et al.	do.	2,809.24
	Jas. J. Brougham et al.	do.	2,137.58
	Geo. S. Baker et al.	do.	474.68
	L. P. Beechy et al.	do.	388.20
	Fredk. Braginton et al.	do.	192.80
	J. B. Clancy et al.	do.	3,199.51
	Robt. Darling et al.	do.	197.80
	Jas. Fleming et al.	do.	754.90
	H. H. George et al.	do.	929.69
	L. K. Green et al.	do.	313.20
	W. H. Gibbs et al.	do.	158.20
	O. B. Hess et al.	do.	442.37
	Geo. A. Johnson et al.	do.	958.05
	F. D. Ketchum et al.	do.	1,143.90
	Chas. Keane et al.	do.	535.80
	Jas. S. Kelly et al.	do.	257.10
	Clarence Loveberry et al.	do.	436.90
	A. B. Morse et al.	do.	182.90
	H. D. Paxson et al.	do.	1,374.40
	N. C. Sorensen et al.	do.	2,153.90
	Chas. H. Zink et al.	do.	537.40
	Chas. Cowie.	Services	64.00
	D. Cumming.	do.	55.00
	A. C. Hart.	do.	42.31
	E. S. Mayhew.	do.	29.67
	E. A. McDonald.	do.	80.00
	A. B. O'Brien.	do.	26.37
	W. E. Smith.	do.	90.00
	G. W. Ward.	do.	115.40
	Geo. W. Pope.	Expenses	12.49
	Clarence Loveberry.	do.	18.15
	R. P. Steddom.	do.	2.00
	do.	Traveling expenses	3.09
	H. D. Mayne.	do.	10.75
	H. T. Potter.	do.	4.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 11	H. H. George.....	Traveling expenses.....	\$2.61
	..do.....	Expenses.....	5.34
	B. R. Rogers.....	Traveling expenses.....	3.25
	St. Louis National Stock Yards.....	Office rent.....	50.00
	J. R. Stafford.....	Use horse, etc.....	10.00
	Chas. Keane.....	..do.....	25.00
12	J. J. Brougham.....	..do.....	40.00
	Geo. W. Butler.....	..do.....	30.00
	A. E. Behnke.....	..do.....	35.00
	Robt. Darling.....	..do.....	25.00
	G. E. Francis.....	..do.....	45.00
	F. D. Ketchum.....	..do.....	25.00
	Clarence Loveberry.....	..do.....	50.00
	Don C. Ayer.....	..do.....	15.00
	S. E. Bennett.....	..do.....	28.00
	Eimer & Amend.....	Chemicals.....	32.43
	F. P. Burnap Stationery and Printing Co.....	Desk chairs.....	29.00
	Chadwick Copying Book Co.....	Books.....	27.60
	L. L. Lochte.....	Labor.....	12.50
	The Hub Envelope Manufacturing Co.....	Cartons.....	4.00
	Jno. E. Shore.....	Labor.....	3.00
	Queen & Co. (Incorporated).....	Alcohol squibs.....	2.63
	Harper, Lewis & Co.....	Twine.....	2.10
	Edison Electric Illuminating Co.....	Current.....	1.81
	A. J. Meyer.....	Services.....	65.00
	Daisy Stewart.....	..do.....	28.02
	Julius Huelser.....	Expenses.....	7.55
	Bernhard P. Wende.....	..do.....	8.45
	T. L. Armstrong.....	Traveling expenses.....	14.50
	W. D. Collyer.....	..do.....	43.56
	Chas. M. Day.....	..do.....	98.50
	M. W. Lang.....	..do.....	129.17
	F. M. Perry.....	..do.....	9.10
	Geo. W. Pope.....	..do.....	25.76
	B. F. Van Valkenburgh.....	..do.....	28.67
	G. W. Ward.....	..do.....	7.25
	Levi Wells.....	..do.....	84.84
13	F. W. Bicknell.....	..do.....	77.05
	U. G. Houck.....	..do.....	86.03
	Hugh Reilly.....	Glue.....	7.50
	Z. D. Gilman.....	Chemicals, etc.....	7.59
	E. S. Schmid.....	Crows.....	2.00
	Fred. A. Schmidt.....	Wax.....	.75
	Washington Gas Light Co.....	Gas.....	39.80
	Potomac Electric Power Co.....	Current.....	65.49
	Barber & Ross.....	Thermometers.....	4.99
	Western Union Telegraph Co.....	Service.....	36.82
14	Jno. Caldwell.....	Services.....	36.00
16	Toolie A. Geddes.....	..do.....	206.00
	Jas. Johnston.....	..do.....	123.60
	F. L. Russell.....	..do.....	88.00
	W. H. Wray.....	..do.....	375.00
	..do.....	Traveling expenses.....	6.39
	W. H. Wray.....	Expenses.....	2.12
	W. H. Rose.....	Traveling expenses.....	19.80
	Geo. S. Baker.....	..do.....	9.30
	Chas. Cowie.....	..do.....	4.86
	J. Wm. Fink.....	..do.....	17.30
	A. D. Melvin.....	..do.....	85.10
	E. A. McDonald.....	..do.....	32.45
	J. O. F. Price.....	..do.....	5.80
	Phibbs, Gibson & Co.....	Rent.....	51.09
	Ga-Stinson Furniture and Carpet Co.....	Chairs, etc.....	49.00
	Jno. C. Lorenzen.....	Hire horse, etc.....	35.10
	H. W. Hawley.....	..do.....	32.00
	S. W. Burt.....	..do.....	25.00
	O. E. Dyson.....	..do.....	25.00
	Yawman & Erb Manufacturing Co.....	Card cabinet.....	2.75
	Mallinckrodt Chemical Works.....	Chemicals.....	.44
	Louis Smith.....	Services.....	5.00
18	H. E. Alvord.....	Expenses.....	28.20
	J. F. Ryder.....	..do.....	18.08
	E. C. Schroeder.....	..do.....	7.55
	Jas. Johnston.....	Traveling expenses.....	.78
	F. L. Russell.....	..do.....	85.55
	Hibbard Spencer, Bartlett & Co.....	Clippers.....	4.80
	The Fred Macey Co. (Limited).....	Cards.....	1.00
	Passaic Feed Co.....	Hay.....	19.86
	Stock Yard Hardware and Paint Co.....	Knives.....	1.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
-1904.			
May 18	Trustees Milk Street Trust.....	Rent.....	\$75.00
	St. Louis and San Francisco R. R. Co.....	Passenger transportation.....	21.05
	The Lake Shore and Michigan Southern R. R. Co.....	do.....	26.75
	The Atchinson, Topeka, Santa Fe Ry. Co....	do.....	6.15
	Atlantic Coast Line R. R. Co.....	do.....	9.00
	Chicago and Northwestern Rwy. Co.....	do.....	6.75
	The Kansas City Southern Rwy. Co.....	do.....	9.15
	Pittsburg, Cincinnati, Chicago and St. Louis R. R. Co.....	do.....	20.00
	The Yazoo and Mississippi Valley R. R. Co..	do.....	14.05
	Chicago, Burlington and Quincy Rwy. Co....	do.....	7.75
	do.....	do.....	.86
	Chicago, Rock Island and Pacific Rwy. Co....	do.....	1.26
	New York, New Haven and Hartford R. R. Co.....	do.....	3.60
	Pennsylvania R. R. Co.....	do.....	.86
19	Brookline Gas Light Co.....	do.....	.70
	Chas. M. Corbett.....	do.....	5.25
20	Orlando Fling.....	Services.....	25.00
	Geo. M. Whitaker.....	Traveling expenses.....	40.01
	Chas. M. Day.....	do.....	34.75
	Simpson McIntire & Co.....	Butter.....	4.80
	Queen & Co. (Incorporated).....	Alcohol.....	9.60
	Mackall Bros.....	Chemicals.....	10.63
	E. J. Brooks & Co.....	Seals.....	8.75
	Bausch & Lomb Optical Co.....	Paper, etc.....	1.08
	Eimer & Amend.....	Test tubes.....	24.90
	Library Bureau.....	Cards.....	5.70
	W. B. Moses & Sons.....	Chairs.....	5.95
	E. Morrison Paper Co.....	Labels.....	2.50
	Southern Printers' Supply Co.....	Prints.....	4.60
	R. P. Andrews & Co.....	Envelopes.....	75.90
	Chadwick Copying Book Co.....	Books.....	11.04
	Dulin & Martin Co.....	Knives.....	3.26
	L. S. Depue.....	Meal, etc.....	69.00
	Geo. E. Howard.....	Envelopes.....	10.75
	F. L. Nichols.....	Apparatus.....	12.00
	The Rudolph Paper Box Co.....	Cases.....	12.50
	Remington Typewriter Co.....	Repairs.....	15.25
	Ed. S. Schmid.....	White rats.....	1.50
24	Jno. D. Adams.....	Traveling expenses.....	2.05
	Orlando Fling.....	do.....	10.15
25	Jas. C. Burneson.....	do.....	4.35
26	Burlington Route, Missouri Lines.....	Transportation.....	.21
	Chicago, Rock Island and Texas Rwy. Co....	do.....	.60
	Erie R. R. Co.....	do.....	.75
	Church & Stephenson.....	Lumber.....	73.00
	American Ice Co.....	Ice.....	23.61
	Howard Laundry Co.....	Laundering.....	4.74
	Jas. B. Lambie Co.....	Wire.....	.27
	A. C. McClurg & Co.....	Pens.....	.80
	The Publishers and Printers Engraving Co..	Engraving.....	14.59
	Andrus & Church.....	Paper.....	.84
	T. S. Buck Manufacturing Co.....	Mounts.....	19.20
	Geo. E. Howard.....	Labels.....	1,625.00
	Lamb & Tilden.....	Ink.....	2.70
	J. P. Nawrath.....	Twine.....	8.56
31	Jno. Caldwell.....	Services.....	30.00
	Lewis Smith.....	do.....	5.00
	Geo. P. McCabe et al.....	Salaries.....	6,286.70
June 1	F. W. Bicknell.....	Services.....	250.00
	W. A. Smith.....	Traveling expenses.....	9.60
2	W. D. Collier.....	Services.....	153.40
	M. W. Lang.....	do.....	153.40
	B. F. Van Valkenburg.....	do.....	153.40
	Levi Wells.....	do.....	153.40
	Geo. M. Whitaker.....	do.....	127.80
	A. W. Bosworth.....	do.....	75.00
	Chas. Thom.....	do.....	75.00
	Jas. Hewes.....	do.....	90.00
3	R. P. Steddom.....	do.....	153.40
	Geo. C. Faville et al.....	Salaries.....	298.00
	N. K. Fegley et al.....	do.....	265.80
	F. W. Huntington et al.....	do.....	152.20
	A. L. Pitney et al.....	do.....	450.53
	Geo. W. Pope et al.....	do.....	452.38
	W. H. Rose et al.....	do.....	1,256.20
	T. B. Mahoney.....	Traveling expenses.....	8.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 3	W. E. Pratt.....	Hog rings.....	\$105.03
	Geo. E. Howard.....	Meat tags, etc.....	747.80
	Henry Heil Chemical Co.....	Alcohol.....	.79
	Mallinckrodt Chemical Works.....	Chemicals.....	.44
	The Chesapeake and Potomac Telephone Co.....	Changing telephones.....	1.50
	United States Express Co.....	Transportation.....	22.42
	Adams Express Co.....	do.....	28.05
4	Boyd Baldwin et al.....	Salaries.....	925.00
	Edw. P. Dowd et al.....	do.....	189.20
	U. G. Houck.....	Services.....	153.40
	W. S. Goodhue.....	Rent.....	50.00
6	The Freidenwald.....	Blanks.....	42.50
8	H. B. Armsby et al.....	Salaries.....	191.80
	L. R. Baker et al.....	do.....	3,797.68
	A. E. Behnke et al.....	do.....	1,255.20
	S. E. Bennett et al.....	do.....	7,728.55
	E. L. Bertram et al.....	do.....	272.40
	Fred R. Braginton et al.....	do.....	199.40
	V. L. Brown et al.....	do.....	3,205.88
	H. E. Brown et al.....	do.....	2,164.69
	Geo. Ditewig et al.....	do.....	1,178.60
	O. E. Dyson et al.....	do.....	10,024.75
	Jas. Fleming et al.....	do.....	780.20
	L. K. Green et al.....	do.....	323.60
	H. A. Hedrick et al.....	do.....	499.20
	Julius Huelson et al.....	do.....	735.80
	W. J. Murphy et al.....	do.....	204.40
	W. N. Neil et al.....	do.....	824.50
	H. N. Waller et al.....	do.....	3,174.50
	B. P. Wende et al.....	do.....	814.40
	L. A. Robinson et al.....	do.....	1,351.20
	J. F. Ryder et al.....	do.....	1,069.63
	Edw. P. Schaffter et al.....	do.....	860.78
	Chas. A. Schauffer et al.....	do.....	1,253.00
	W. J. Stewart et al.....	do.....	2,850.81
	Geo. W. Butler.....	Services.....	119.20
	F. M. Perry.....	do.....	119.20
	G. W. Ward.....	do.....	119.20
	J. Wm. Fink.....	do.....	65.38
	H. F. Hume.....	do.....	61.40
	H. D. Mayne.....	do.....	102.20
	A. J. Payne.....	do.....	136.20
	Wm. E. Smith.....	do.....	90.00
	Wm. H. Wade.....	do.....	76.60
	H. E. Alvord.....	Expenses.....	12.20
	Boyd Baldwin.....	do.....	5.12
	Marion Dorset.....	do.....	13.01
	H. H. George.....	do.....	6.91
	I. P. Roosa.....	do.....	.50
	E. C. Schroeder.....	do.....	10.21
	F. W. Bicknell.....	Traveling expenses.....	74.50
	F. D. Ketchum.....	Horse hire, etc.....	25.00
	S. E. Bennett.....	do.....	28.00
9	M. O. Anderson et al.....	Salaries.....	189.20
	Jas. J. Brougham et al.....	do.....	2,214.20
	J. B. Clauzey et al.....	do.....	3,457.21
	F. L. De Wolf et al.....	do.....	265.80
	H. H. George et al.....	do.....	950.40
	W. H. Gibbs et al.....	do.....	163.60
	Jas. S. Kelly et al.....	do.....	265.80
	Geo. A. Johnson et al.....	do.....	957.20
	Joshua Miller et al.....	do.....	490.64
	H. D. Paxson et al.....	do.....	1,359.80
11	F. W. Ainsworth et al.....	do.....	531.60
	D. C. Aver et al.....	do.....	4,475.32
	Geo. S. Baker et al.....	do.....	470.20
	Robt. Darling et al.....	do.....	204.40
	O. B. Hess et al.....	do.....	422.60
	Chas. Keane et al.....	do.....	553.40
	F. D. Ketchum et al.....	do.....	1,197.40
	Clarence Loveberry et al.....	do.....	509.60
	A. B. Morse et al.....	do.....	189.20
	J. O. F. Price et al.....	do.....	180.60
	T. A. Shipley et al.....	do.....	461.60
	Thos. W. Scott et al.....	do.....	195.80
	N. C. Sorensen et al.....	do.....	2,206.66
	C. H. Zink et al.....	do.....	555.20
	Jno. A. Bell.....	Services.....	48.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 11	D. Cumming.....	Services.....	\$40.00
	Jas. Johnston.....	do.....	127.80
	C. L. Morin.....	do.....	102.20
	do.....	Traveling expenses.....	17.55
	E. A. McDonald.....	Services.....	48.00
	Ella Schwahn.....	do.....	28.02
	W. H. Wray.....	do.....	387.50
	Clarence Loveberry.....	Expenses.....	20.75
	W. D. Collyer.....	Traveling expenses.....	56.22
	U. G. Houck.....	do.....	79.95
	M. W. Lang.....	do.....	162.02
	H. D. Mayne.....	do.....	16.75
	Geo. W. Pope.....	do.....	17.45
	G. W. Ward.....	do.....	2.95
	D. C. Ayer.....	Hire of Horse.....	15.00
	S. W. Burt.....	do.....	25.00
	O. E. Dyson.....	do.....	25.00
	St. Louis National Stock Yards.....	Rent.....	50.00
	Trustees of Milk Street Trust.....	do.....	75.00
	A. E. Behnke.....	Hire horse, etc.....	35.00
	Jas. J. Brougham.....	do.....	40.00
	Geo. W. Butler.....	do.....	30.00
	Robt. Darling.....	do.....	25.00
	H. W. Hawley.....	do.....	32.00
	Chas. Keane.....	do.....	25.00
	Clarence Loveberry.....	do.....	50.00
	Geo. E. Howard.....	Labels.....	1,625.00
	L. L. Lochte.....	Repairs to wagon.....	12.25
	R. J. O'Brine & Bros. Co.....	Oats.....	30.78
	Jno. C. Lorenzen.....	Hire horse, etc.....	35.10
	J. R. Stafford.....	do.....	10.00
13	W. H. Wray.....	Expenses.....	2.70
	do.....	Traveling expenses.....	36.27
14	T. A. Geddes.....	Services.....	213.00
	Geo. S. Baker.....	Traveling expenses.....	10.50
	Chas. Cowie.....	do.....	9.75
	Jas. Hewes.....	do.....	18.07
	A. D. Melvin.....	do.....	73.00
	F. M. Perry.....	do.....	14.20
	H. T. Potter.....	do.....	3.25
	Wm. E. Smith.....	do.....	5.35
	B. F. Van Valkenburgh.....	do.....	55.80
	Levi Wells.....	do.....	137.27
	H. D. Paxson.....	Expenses, May.....	40.00
	do.....	Expenses, February.....	1.70
	Geo. W. Pope.....	do.....	11.09
	W. H. Rose.....	do.....	15.45
15	Jno. Caldwell.....	Services.....	39.00
	Lewis Smith.....	do.....	5.00
	F. L. Russell.....	Traveling expenses.....	36.05
	Julius Huelsen.....	Expenses.....	8.65
18	Chas. Cowie.....	Services.....	1.28
	H. T. Potter.....	do.....	14.00
	F. L. Russell.....	do.....	88.00
20	Adams Express Co.....	Transportation.....	34.20
	R. C. Ballantyne.....	Stationery.....	5.00
	Barber & Ross.....	Brass, etc.....	.80
	Bausch & Lomb Optical Co.....	Funnels.....	31.27
	Ernest Betz.....	Making water baths.....	6.50
	do.....	Repairs.....	5.30
	Capital Traction Co.....	Fare tickets.....	10.00
	Chadwick Copying Book Co.....	Books.....	46.00
	Wm. H. Coon.....	Repairing walls, etc.....	48.00
	L. S. Depue.....	Oats.....	96.00
	do.....	do.....	96.00
	do.....	Meal, etc.....	75.00
	do.....	Corn.....	60.00
	do.....	do.....	.56
	W. H. Dyer.....	Door.....	3.25
	Edison Electric Illuminating Co.....	Electric lights.....	1.00
	Chas. R. Edmonston.....	Jar rubbers.....	10.50
	Eberhard Faber.....	Bands.....	32.76
	Geo. E. Francis.....	Use horse, etc.....	45.00
	Forsberg & Murray.....	Repairs to boiler.....	6.75
	Mackall Bros.....	Chemicals.....	9.40
	W. B. Moses & Sons.....	Chair.....	5.65
	National Electric Supply Co.....	Repairs to motor.....	15.55
	D. F. Parker.....	Paper, etc.....	37.15
	Mary E. Parker, executrix.....	Blank books, etc.....	101.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 20	Potomac Electric Power Co.	Electric current	\$51.87
	do.	do.	8.35
	Rudolph, West & Co.	Screens, etc.	7.10
	do.	Water buckets, etc.	6.32
	Z. D. Gilman	Alcohol lamps	7.40
	E. F. Goodall.	Certificates, etc.	8.75
	Harvard Laundry Co.	Towel service.	5.14
	F. S. Howard.	Corn	81.42
	Hooper, Lewis & Co.	Ink, etc.	8.05
	Lewis Keiser	Hogs	164.00
	Jas. B. Lambie Co.	Belting, etc.	7.56
	Library Bureau	Cases, etc.	171.75
	Littlefield, Alvord & Co.	Transportation	3.00
	Mallinckrodt Chemical Works	Chemicals	1.42
	Francis Miller	Glass	1.07
	do.	Oil	25.58
	C. A. Muddiman & Co.	Welsbach mantles	1.40
	Queen & Co. (Incorporated)	Chemicals	15.75
	Rand, McNally & Co.	Ink, etc.	4.00
	Remington Typewriter Co.	Ribbons	2.50
	Thos. R. Riley	Lumber	3.85
	Rockwell Barns Co.	Blotters, etc.	5.25
	E. G. Schafer & Co.	Gate valves	2.70
	Fred A. Schmidt	Wax	2.25
	Swayze, Bailey & Co.	Pens, etc.	11.00
	Edw. S. Schmid.	Rats	1.50
	A. H. Thomas Co.	Flasks, etc.	8.29
	Washington Gas Light Co.	Gas	32.90
	Woodward & Lothrop.	Cloth, etc.	52.12
	E. Morrison Paper Co.	Memorandum books	5.00
21	Wm. C. Siegmund	Traveling expenses	43.80
	Orland Fling	Services	45.00
22	A. J. Meyer	do.	65.00
23	Jno. C. Exline	do.	29.67
	W. D. McArthur	do.	240.00
	W. J. Rutherford	do.	100.00
	J. F. Ryder	Expenses	19.14
24	T. A. Geddes	Traveling expenses	37.55
	W. D. McArthur	do.	24.75
	J. R. Mohler	Expenses	3.00
25	S. C. Shale	Traveling expenses	3.75
	American Ice Co.	Ice	26.40
	Campbell, Morrell & Co.	Oats, etc.	32.40
	Geo. E. Howard	Labels	1,625.00
	Chas. Hubinger	Bolts, etc.	19.34
	Western Union Telegraph Co.	Service	7.15
29	Mackall Bros.	Chemicals	43.49
	The Publishers and Printers' Engraving Co.	Engravings	5.00
	Geo. E. Bedell	Repairs to chairs	2.75
	Remington Typewriter Co.	Paper, etc.	52.85
	W. H. Rupp & Co.	Ink	1.50
30	Jno. Caldwell	Services	34.50
	W. D. Collyer	do.	148.30
	M. W. Lang	do.	148.30
	B. F. Van Valkenburgh	do.	148.30
	Levi Wells	do.	148.30
	Geo. M. Whitaker	do.	123.60
	Lewis Smith	do.	5.00
	Geo. P. Cabe et al.	Salaries	6,167.27
	Total fourth quarter		264,480.47
	Supplemental.		
1904.			
July 1	D. E. Salmon	Traveling expenses	24.00
	F. W. Bicknell	do.	83.80
	Jno. A. Bushong	do.	1.80
	Albert L. Pitney et al.	Salaries	469.80
2	A. D. Melvin	Traveling expenses	36.15
	A. W. Bosworth	Services	75.00
	Chas. Thom	do.	75.00
5	Jno. M. Simpson	Traveling expenses	3.65
	W. S. Goodhue	Rent	50.00
	Jno. S. Martin & Co.	do.	126.00
	M. Dorset	Expenses	20.27
6	Albert Dean et al.	Salaries	857.20
	Geo. C. Faville et al.	do.	288.50
	A. G. G. Richardson et al.	do.	341.10
	Julius Huelsen et al.	do.	712.10
	W. H. Rose et al.	do.	1,215.65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 6	F. W. Huntington et al.	Salaries	\$150.90
	G. W. Pope et al.	do	345.30
	Henry P. Armsbey et al.	do	186.60
	Geo. A. Johnson et al.	do	9.93
7	Church & Stephenson.	Lumber	84.80
	Clark & Davenport.	Linoleum	33.88
	B. P. Wende.	Expenses	135.00
	Henry E. Alvord.	do	18.08
	Rice P. Steddom.	Services	148.30
	D. Cumming.	do	25.00
	Wm. L. Hiatt.	do	98.90
	Louis A. Klein.	do	123.60
	Adolph Eichhorn.	do	115.40
	Leslie J. Allen.	do	123.60
	E. M. Nighbert.	do	98.90
	Robt. M. Raban.	do	98.90
	Arthur T. Coleman.	do	98.90
	Jno. A. Sloan.	do	115.40
	Jno. L. Burgett.	do	115.40
	W. E. Smith.	do	90.00
	Jas. Hewes.	do	90.00
	U. G. Houck.	do	148.30
	Frank W. Brewer.	do	115.40
	S. L. Blount.	do	98.90
	Dan. McCuningham.	do	98.90
	W. D. Jorden.	do	98.90
	Clarence A. Clawson.	do	115.40
	Timothy C. Hays.	do	98.90
	Marion Imes.	do	115.40
	A. N. Irwin.	do	115.40
	Geo. Jerome.	do	115.40
	Chas. A. McCall.	do	115.40
	Chas. Pearson.	do	98.90
	Thos. A. Bray.	do	123.60
	Frank D. Owen.	do	98.90
	W. B. Lincoln.	do	115.40
	F. W. Hopkins.	do	123.60
	A. H. Wallace.	do	94.78
	Jno. V. Laddey.	do	123.60
	Jno. H. Lowe.	do	98.90
	Walter C. Bower.	do	98.90
8	L. R. Baker et al.	Salaries	3,800.74
	V. L. Brown et al.	do	2,715.20
	H. N. Waller et al.	do	3,026.48
	N. K. Fegley et al.	do	257.10
	Chas. A. Schauffer et al.	do	1,213.00
	Joshua Miller et al.	do	489.50
	Edw. P. Dowd et al.	do	182.90
	Boyd Baldwin et al.	do	895.00
	Frank Braginton et al.	do	192.80
	H. A. Hedrick et al.	do	482.90
	Edw. P. Schaffter et al.	do	848.80
	A. E. Behnke et al.	do	1,289.10
	S. E. Bennett et al.	do	7,205.73
	O. E. Dyson et al.	do	10,212.57
	H. D. Mayne.	Services	98.90
	C. L. Morin.	do	98.90
	Wm. H. Wade.	do	74.20
	F. W. Bicknell.	do	250.00
	F. W. Huntington.	Expenses	2.00
	H. A. Hedrick.	do	11.15
9	H. D. Mayne.	Traveling expenses	5.75
	Jas. Hewes.	do	16.58
	C. L. Morin.	do	17.55
	U. G. Houck.	do	97.82
	H. H. George.	Expenses	24.85
	Fredk. Braginton.	do	.60
	W. E. Hill.	Services	98.90
	Jas. S. Kelley et al.	Salaries	257.10
	Trajan A. Shipley et al.	do	446.70
	Clarence Loveberry et al.	do	496.20
	B. P. Wende et al.	do	2,067.05
	Chas. Keane et al.	do	535.80
	C. H. Zink et al.	do	537.40
	J. F. Ryder et al.	do	1,002.00
	Albert Long et al.	do	2,216.90
	Robt. Darling et al.	do	197.80
	Jno. O. F. Price et al.	do	174.70
	Thos. W. Scott et al.	do	189.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 9	M. O. Anderson et al.	Salaries	\$182.90
	W. B. Niles et al.	do.	446.00
	Jas. Fleming et al.	do.	747.03
	W. C. Honan.	Services	74.20
	L. K. Green et al.	Salaries	313.20
	W. J. Murphy et al.	do.	197.80
	Frank De Wolf et al.	do.	257.10
	O. B. Hess et al.	do.	408.70
	W. H. Gibbs et al.	do.	158.20
	W. J. Stewart et al.	do.	2,853.55
	Wesley N. Neil et al.	do.	794.50
11	J. J. Brougham et al.	do.	2,142.80
	Eli L. Bertram et al.	do.	272.00
	Fredk. W. Ainsworth et al.	do.	508.31
	Chas. Cowie	Services	64.00
12	H. H. George et al.	Salaries	1,007.63
	Geo. Ditewig et al.	do.	1,236.33
	Frank D. Ketchum et al.	do.	1,167.10
14	Jas. Irwin	Services	82.40
	H. T. Potter	do.	10.00
	F. M. Perry	do.	115.40
	G. W. Ward	do.	115.40
	Geo. W. Butler	do.	123.60
	H. F. Hume	do.	59.30
	F. D. Ketchum	do.	10.97
	do.	Use horse, etc.	25.00
	H. E. Alvord.	Traveling expenses	188.00
	Jno. F. Ryder	do.	13.69
	E. T. Davison	do.	80.00
	W. J. Fretz	do.	84.15
	H. E. Alvord.	Expenses	9.75
15	Edw. O. Speake et al.	Salaries	444.90
	N. C. Sorensen et al.	do.	2,118.34
	Geo. S. Baker et al.	do.	454.90
	J. B. Clancy et al.	do.	3,399.25
	Arthur B. Morse et al.	do.	182.90
	Geo. A. Johnson et al.	do.	982.17
	Harry D. Paxson et al.	do.	1,315.10
	Don. C. Ayer et al.	do.	4,886.57
	A. J. Payne	Services	131.90
	E. T. Davison	do.	123.60
	Jno. Kneebone	do.	67.50
	Jno. Pourier	do.	55.00
	L. Enos Day	do.	123.60
	F. L. Russell	do.	40.00
	Jas. Johnston	do.	123.60
	E. J. Drake	do.	20.00
	Jos. Pourier	do.	60.00
	Oliver Tyon	do.	65.00
	E. G. Ward	do.	62.50
	E. A. McDonald	do.	48.00
	Warren J. Fretz	do.	115.40
	M. W. Lang	Traveling expenses	138.89
	Jas. Johnston	do.	1.33
	H. T. Potter	do.	6.00
	Chas. Cowie	do.	5.50
	G. W. Ward	do.	5.25
	G. M. Whitaker	do.	90.01
	Jno. D. Adams	do.	3.00
	O. B. Hess	do.	31.50
	Boyd Baldwin	Expenses	5.47
	G. A. Johnson	do.	3.57
	do.	do.	8.85
	Clarence Loveberry	do.	22.25
	Geo. W. Pope	do.	44.63
	W. H. Rose	do.	23.15
18	Harvard Laundry Co.	Towel service	5.95
	American Ice Co.	Ice	30.22
	Z. D. Gilman	Rubber gloves, etc.	26.90
	Leidy S. Depue	Meal, etc.	69.00
	do.	Oats	45.00
	Geo. C. Howard	Pen	3.50
	do.	Tags, etc.	456.05
	Jas. S. Topham	Razor strop	1.75
	Potomac Electric Power Co.	Current	63.83
	Washington Gas Light Co.	Gas	35.10
	A. J. Myer	Services	65.00
	Marion Williams	do.	4.95
	Leidy S. Depue	Hay, etc.	193.12

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 18	Jno. A. Bell	Services	\$48.00
	W. D. Collyer	Traveling expenses	23.57
	B. F. Van Valkenburgh	do	44.32
	W. N. D. Bird	do	15.25
	Chas. W. Pagle, jr.	do	2.15
	F. L. Russell	do	15.80
	H. M. Ball	do	1.40
	Jno. P. O'Leary	do	6.25
	Louis A. Robinson	do	3.35
	Benj. Howes	do	19.60
	Geo. S. Baker	do	13.50
	Edw. P. Schaffter	do	9.98
	Geo. W. Pope	do	15.53
	B. P. Wende	Expenses	3.08
	J. F. Ryder	do	4.12
	Geo. C. Faville	do	17.15
	Wesley N. Niel	do	1.60
	N. C. Sorensen	do	13.63
	F. C. Schroeder	do	6.90
	Jas. J. Brougham	do	15.00
	Fred J. Goebel	do	5.65
	E. T. Davison	do	29.02
	L. K. Green	do	5.85
	T. A. Shipley	do	11.50
	Geo. S. Baker	do	2.45
	Geo. W. Pope	do	2.05
	Joshua Miller	do	8.62
	Arthur B. Morse	do	10.85
19	Jas. Johnston	Traveling expenses	1.36
	W. E. Smith	do	16.90
	W. H. Wray	do	6.92
	Julius Huelsen	Expenses	7.85
	H. N. Waller	do	16.95
	W. H. Wray	do	23.97
	Toole A. Geddes	do	5.29
	W. H. Wray	Services	375.00
	Toole A. Geddes	do	206.00
	T. A. Shipley	Steel and knife	1.55
	The Sioux City Stock Yard Co.	Rent	60.00
	Swift & Co.	Service	3.75
	J. R. Stafford	Use horse, etc.	10.00
	Silver Laundry and Towel Co.	Service	3.48
	Sunset Telephone and Telegraph Co.	do	10.50
	Chas. A. Schauffer	Use horse, etc.	105.00
	New England Telephone and Telegraph Co.	Service	12.50
	do	do	57.00
	Nebraska Telephone Co.	do	13.50
	New York and New Jersey Telephone Co.	do	6.50
	Mallinckrodt Chemical Works	Chemicals	.60
	Maryland Telephone and Telegraph Co.	Service	11.47
	Mendenhall Transfer Co.	Drayage	4.75
	Missouri and Kansas Telephone Co.	Service	24.00
	Merchants' Refrigerator Co.	Storage	276.40
	L. L. Lochte	Labor	19.55
	J. C. Lorenzen	Use horse, etc.	35.10
	Clarence Loveberry	do	50.00
	Chas. Keane	do	25.00
	Kansas City Stock Yards Co.	Rent	99.00
	do	do	66.00
	Library Bureau	Cards	17.20
	Iowa Telephone Co.	Service	12.00
	Independent Stock Yard Co.	Rent	75.00
	H. J. Harwood	Rent of land	62.50
	J. I. Colcomb Manufacturing Co.	Sweeps	9.25
	Gahan & Byrne	Rent	675.00
	Grand Trunk Rwy. System	do	37.50
	Glynn & Smith	Transportation	4.50
	N. Rufus Gill	Rent	31.25
	Frontier Towel Supply Co.	Service	4.82
	Fowler Manufacturing Co.	do	5.09
	H. W. Hawley	Use horse, etc.	32.00
	Fred B. Miller & Bro.	Service	6.00
	Underwood Typewriter Co.	Repairing typewriter	4.00
	Union Stock Yards and Transit Co.	Rent	375.00
	Weehawken Stock Yards Co.	Service	10.50
	Wichita Union Stock Yards Co.	Rent	30.00
	Whitall Tatam Co.	Flasks	7.56
	Queen & Co. (Incorporated)	Alcohol	6.00
	Rockwell-Barnes Co.	Mudilage	1.95

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 19	T. F. Rogers, agent.....	Rent.....	\$52.50
	Stock Yard Hardware and Paint Co.....	Tacks, etc.....	1.83
	Scientific Engraving Co.....	Engraving.....	12.00
	St. Louis National Stock Yards Co.....	Rent.....	50.00
	O. E. Dyson.....	Use of saddle horse.....	25.00
	Indianapolis Telephone Co.....	Service.....	20.00
	Danforth & Co.....	Transportation.....	22.00
	Chicago Towel Supply Co.....	Towel service.....	57.40
	Chicago Telephone Co.....	Service.....	7.50
	do.....	do.....	43.75
	Cutler & Neilson Paint and Color Co.....	Paint.....	4.50
	Cudahy Packing Co.....	Service.....	4.85
	Cincinnati Union Stock Yard Co.....	Rent.....	45.00
	Chadwick Copying Book Co.....	Books.....	46.00
	Jas. J. Brougham.....	Use horse, etc.....	40.00
	A. E. Behnke.....	do.....	35.00
	do.....	Expenses.....	19.13
	The Bell Telephone Co.....	Service.....	40.00
	S. W. Burt.....	Use saddle horse.....	25.00
	Baker Lockwood Manufacturing Co.....	Awnings.....	13.00
	Boston Ice Co.....	Ice.....	3.00
	Bay State Clean Towel Co.....	Towel service.....	3.75
	S. E. Bennett.....	Use horse, etc.....	28.00
	Geo. W. Butler.....	do.....	30.00
	Bourbon Stock Yards Co.....	Rent.....	30.00
	Belt R. R. Stock Yard Co.....	do.....	30.00
	Emma J. Adams et al.....	do.....	120.00
	Stephen Abbey.....	Butter.....	6.00
	Armstrong Laundry.....	Service.....	1.23
	Don C. Ayer.....	Use horse.....	15.00
	Armour Packing Co.....	Service.....	12.00
	Chicago Car Seal and Manufacturing Co.....	Tags.....	91.00
	do.....	do.....	120.25
	do.....	do.....	79.15
	do.....	do.....	57.20
	do.....	do.....	53.30
	do.....	do.....	196.00
	do.....	do.....	11.70
	do.....	do.....	65.00
	do.....	do.....	65.00
	The Fowler Packing Co.....	Service.....	4.00
	Geo. E. Francis.....	Use horse, etc.....	45.00
	Emery Bird Thayer Dry Goods Co.....	Sapolio.....	2.70
	East Buffalo Live Stock Exchange.....	Rent.....	90.00
	Eimer & Amend.....	Sulphur, etc.....	5.10
	Robt. Darling.....	Use horse, etc.....	25.00
	Chicago Car Seal and Manufacturing Co.....	Tags.....	62.40
	Trustees Milk Street Trust.....	Rent.....	81.25
	do.....	do.....	75.00
20	Toole A. Geddes.....	Traveling expenses.....	86.78
	Levi Wells.....	do.....	49.44
	E. C. Stevenson.....	do.....	6.30
	W. J. Rutherford.....	Services.....	100.00
	L. R. Baker.....	Expenses.....	6.00
	Geo. Ditewig.....	do.....	36.10
	Rex Sanitary Appliance Co.....	Disinfectors.....	8.40
	Chesapeake and Potomac Telephone Co.....	Service.....	117.75
	do.....	do.....	1.20
	Remington Typewriter Co.....	Repairing.....	87.75
	do.....	Note books.....	5.50
	Densmore Typewriter Co.....	Repairs.....	5.30
	Underwood Typewriter Co.....	Cushions.....	.80
	G. T. Thomson.....	Paper.....	3.75
	Edw. S. Schmid.....	Pigeons.....	1.20
	The Geo. W. Knox Express Co.....	Transportation.....	3.75
	Baltimore and Ohio R. R. Co.....	do.....	18.35
	J. T. Walker Sons.....	Lime.....	8.85
	Woodward & Lothrop.....	Dusters, etc.....	12.90
	Lutz & Co.....	Repairing.....	5.35
	do.....	Leather.....	6.50
	The M. Lindsay Rubber Co.....	Rubber.....	1.50
	E. Morrison Paper Co.....	Ink wells.....	8.75
	do.....	Tag board.....	6.40
	Rudolph, West & Co.....	Hinges, etc.....	40.26
	Thos. Somerville & Sons.....	Tubing.....	12.40
23	Jno. R. Mohler.....	Expenses.....	58.89
	C. A. Schaffer.....	do.....	48.87
	B. P. Wende.....	Traveling expenses.....	2.40
	Orlando Fling.....	Services.....	60.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 23	Pennsylvania R. R. Co.	Passenger transportation	\$57.35
	do.	do.	6.50
30	Galveston, Harrisburgh and San Antonio Rwy. Co.	do.	6.30
	Iowa Central R. R. Co.	do.	2.79
	Grand Trunk R. R. of Canada	Transportation	.65
	New York, New Haven and Hartford R. R. Co.	Passenger transportation	12.25
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	3.50
	Chicago and Northwestern Rwy. Co.	do.	6.75
	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation	.92
	Chicago, Rock Island and Pacific Rwy. Co.	do.	.67
	do.	do.	.21
	Chicago, Milwaukee and St. Paul Rwy. Co.	Passenger transportation	2.72
	New York Central and Hudson River R. R. Co.	Freight	3.14
	Union Line.	do.	8.32
	do.	do.	.70
	Wabash R. R. Co.	do.	.92
	do.	Passenger transportation	17.07
	do.	do.	14.16
	Louisville and Nashville R. R. Co.	do.	16.75
	do.	Transportation	.75
	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation	18.05
	Burlington and Missouri River R. R.	Transportation	3.37
	Chicago Great Western Rwy. Co.	do.	.48
	Chicago and Alton Rwy. Co.	do.	.75
	do.	do.	.21
	do.	do.	1.26
	do.	do.	9.11
	Illinois Central R. R. Co.	do.	1.19
	do.	do.	.15
	Erie R. R. Co.	do.	.50
	do.	do.	.88
	Chicago, Burlington and Quincy Rwy. Co.	do.	2.94
	do.	do.	6.08
	do.	Passenger transportation	1.90
	do.	Transportation	5.71
Aug. 1	Wm. Calkins	Services	55.00
	Frank Baggage	do.	72.50
	Henry Three Stars	do.	72.50
	Jas. Wilde	do.	75.00
	F. M. Perry	Traveling expenses	24.20
	B. H. Ransom	do.	218.83
	Wm. C. Wooten	do.	10.40
	Clarence O. Durfee	do.	8.71
	Orlando Fling	do.	5.50
	R. F. Eagle	do.	6.00
	N. K. Fegley	Expenses	3.00
	Louis Able	do.	1.95
	Hiram Jerome	do.	10.20
	Jno R. Mohler	do.	3.00
	O. E. Dyson	do.	20.49
2	H. Stikeman	Rent	125.00
3	Church & Stephenson	Lumber	221.50
	Edw. S. Schmid	Pigeons	1.20
	Jno. C. Parker	Paper, etc.	32.53
	Mackall Bros.	Carbolic acid, etc.	41.12
	M. Du Perow	Lamps	12.00
	Woodward & Lothrop	Matting	11.83
6	A. G. G. Richardson	Expenses	3.00
	do.	do.	2.30
	F. D. Owen	Traveling expenses	1.45
	E. J. Drake	do.	15.10
	Chas. M. Day	do.	30.85
	A. G. G. Richardson	do.	14.60
	W. B. Lincoln	do.	8.35
	W. B. Niles	do.	30.39
8	Albert Dean	Expenses	8.41
	Chas. M. Day	do.	20.95
	Kate Holy Breath	Mare	20.00
9	J. A. Stauffer	Traveling expenses	10.10
	Marion Imes	do.	48.00
	Thos. A. Bray	do.	36.70
	A. N. Irwin	do.	39.00
	Jno. V. Laddey	do.	43.30
	Jno. L. Burgett	do.	10.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. Aug. 9	Robt. M. Raban.....	Traveling expenses.....	\$58.97
	Adolph Eichhorn.....	do.....	45.50
	Chas. A. McCall.....	do.....	68.25
	Leslie J. Allen.....	do.....	38.30
	A. H. Wallace.....	do.....	57.75
	Emma Curran, administratrix.	Rent.....	21.00
	Knoxville Office Co.....	do.....	16.00
	Kansas City Stock Yards Co.....	do.....	45.00
	St. Joseph Stock Yards Co.....	do.....	135.00
	Pittsburgh Union Stock Yards Co.....	do.....	45.00
	The Real Estate and Improvement Co.....	do.....	56.25
	do.....	do.....	56.25
	Wm. D. Jorden.....	Hire horse.....	75.00
	W. B. Niles.....	Expenses.....	13.80
	Fredk. W. Ainsworth.....	do.....	8.65
	Timothy C. Hayes.....	Traveling expenses.....	2.55
	Wm. C. Hogan.....	do.....	19.45
	W. P. Ellenberger.....	do.....	20.60
	Jno. A. Sloan.....	do.....	13.30
	Clarence A. Clawson.....	do.....	35.30
	Chas. Pearson.....	do.....	26.75
	Arthur T. Coleman.....	do.....	17.45
	Albert Dean.....	do.....	8.60
	Wm. L. Hiatt.....	do.....	14.02
	Frank W. Brewer.....	do.....	51.40
	Wm. D. Jorden.....	do.....	63.90
	Dan McCunningham.....	do.....	39.55
	Geo. Jerome.....	do.....	4.80
10	Louis Keiser.....	Hogs.....	88.00
	do.....	do.....	166.00
11	L. Enos Day.....	Traveling expenses.....	62.24
	A. G. G. Richardson.....	Expenses.....	2.25
	do.....	do.....	5.62
12	Geo. H. Glover.....	Services.....	75.00
16	Z. D. Gilman.....	Copper sulphate.....	.65
17	Jno. F. Deadman.....	Services.....	30.00
	J. F. Ryder.....	Expenses.....	18.66
	J. B. Clancy.....	do.....	24.00
	Geo. F. Muth & Co.....	Ink.....	1.17
	do.....	Lead.....	12.75
	do.....	Lead etc.....	45.65
	Rock & Co.....	Transportation.....	4.50
	E. J. Brooks & Co.....	Seals.....	89.25
	R. A. Stoute.....	Sheep, etc.....	68.70
	The Consumers Co.....	Water.....	5.25
	do.....	Ice.....	28.65
	E. T. Davison.....	Use horse, etc.....	91.80
	Thos. A. Bray.....	do.....	75.00
	G. F. Muth & Co.....	Paints.....	145.54
	Shannon & Axtell.....	Bran, etc.....	20.00
	D. F. Parker.....	Paper.....	27.00
	Chas. Hubinger.....	Screen wire, etc.....	10.91
	Hanford Produce Co.....	Butter.....	10.92
	C. B. Hart.....	Rent.....	36.00
	Wm. E. Pratt.....	Hog rings.....	109.62
	Mackall Bros.....	Corks, etc.....	4.03
	Jas. B. Lambie Co.....	Brooms.....	6.90
	Barber & Ross.....	Wire, etc.....	19.91
	Bell Telephone Co., of Buffalo.....	Service.....	27.32
	City Telephone Co.....	do.....	3.00
	New York Telephone Co.....	do.....	29.19
	New York and New Jersey Telephone Co.....	do.....	33.60
	Missouri and Kansas Telephone Co.....	do.....	12.50
	New York Telephone Co.....	do.....	19.95
18	Stephen L. Blount.....	Traveling expenses.....	34.55
	Jas. M. Pickens.....	do.....	23.65
	Jno. R. Mohler.....	Expenses.....	37.00
	Louis A. Klein.....	Horse hire.....	75.00
	Mallinckrodt Chemical Works.....	Permanganate.....	.48
	Phibbs, Gibson & Co.....	Rent.....	42.58
	Chicago Car Seal and Manufacturing Co.....	Tags.....	73.20
	do.....	do.....	42.05
	Yawman and Erbe Manufacturing Co.....	Folders.....	5.75
	Henry Heil Chemical Co.....	Peptone.....	3.00
22	Jno. A. Bell.....	Traveling expenses.....	28.32
	Frank L. Boone.....	do.....	10.30
25	Jno. B. Clancy.....	Expenses.....	16.39
26	Western Union Telegraph Co.....	Service.....	12.63
29	Edison Electric Illuminating Co.....	Electric light.....	3.05

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.	D. F. Parker.....	Paper.....	\$49.50
Aug. 29	United States Express Co.....	Transportation.....	12.16
Sept. 14	do.....	do.....	1.05
	Cincinnati, Hamilton and Dayton Rwy. Co.....	do.....	8.00
	Chicago and Great Western Rwy. Co.....	do.....	6.50
	Chicago and Northwestern Rwy. Co.....	do.....	17.80
	Southern Pacific Co.....	do.....	17.90
	do.....	do.....	26.85
	Southern Rwy. Co.....	do.....	8.55
	do.....	do.....	21.15
	Louisville and Nashville R. R. Co.....	do.....	7.95
	New Orleans and Northeastern R. R. Co.....	do.....	18.10
	Cincinnati, New Orleans and Texas Rwy Co.....	do.....	4.50
	Great Northern Rwy. Co.....	do.....	3.35
	Union Pacific R. R. Co.....	do.....	6.70
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	16.85
	Red River, Texas and Southern Rwy. Co.....	do.....	26.80
	Pennsylvania R. R. Co.....	do.....	2.50
	do.....	do.....	2.80
	The Pullman Co.....	do.....	3.52
19	Chicago and Alton Rwy. Co.....	do.....	.05
	do.....	do.....	3.81
	Chicago, Rock Island and Gulf Rwy. Co.....	do.....	1.93
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	4.60
	Chicago and Northwestern Rwy. Co.....	do.....	2.78
	do.....	do.....	8.53
	do.....	do.....	7.61
	do.....	do.....	1.74
	do.....	do.....	4.73
	Burlington Route, Missouri Line.....	do.....	.83
	do.....	do.....	9.10
	do.....	do.....	1.73
	Burlington and Missouri River R. R.....	do.....	1.10
	do.....	do.....	15.57
	do.....	do.....	7.63
	do.....	do.....	1.06
	do.....	do.....	15.27
	Missouri Pacific Rwy. Co.....	do.....	32.63
	do.....	do.....	4.93
	do.....	do.....	1.84
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	2.95
	Star Union Line.....	do.....	10.60
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	4.10
	Baltimore and Ohio Southwestern R. R. Co.....	do.....	10.38
	Baltimore and Ohio R. R. Co.....	do.....	2.09
	New York, New Haven and Hartford R. R. Co.....	do.....	6.06
	do.....	do.....	3.60
	do.....	do.....	.25
	Illinois Central Rwy. Co.....	do.....	.51
	Chicago, Rock Island and Pacific Rwy. Co.....	Passenger transportation.....	43.40
20	Chas. Edmonston.....	Can and bucket.....	2.60
	Eimer & Amend.....	Mono butyrin.....	.35
	Adams Express Co.....	Transportation.....	53.45
24	Western Union Telegraph Co.....	Service.....	12.53
28	J. C. Milnes.....	Expenses.....	6.75
	do.....	Traveling expenses.....	23.67
	Total supplemental.....		91,254.86

RECAPITULATION.

Total, first quarter.....	\$208,213.73
Total, second quarter.....	334,632.32
Total, third quarter.....	299,843.66
Total, fourth quarter.....	264,480.47
Total, supplemental.....	91,254.86
Total.....	1,198,425.04

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 28	Geo. P. McCabe.....	Traveling expenses.....	\$33.70
29	Ira K. Atherton.....	do.....	38.68
	H. M. Ball.....	do.....	52.10
	Ernest D. Everett.....	do.....	6.87
Aug. 4	Saml. E. Bennett et al.....	Salaries.....	3,743.87
	Ira K. Atherton.....	Services.....	11.41
	U. G. Houck.....	do.....	151.60
	Curtis & Lyons.....	Use horse and buggy.....	17.50
	McDonald's Stables.....	do.....	24.50
	Chas. H. Paquin.....	do.....	38.00
	Harry A. Pierce.....	do.....	100.00
	Thos. Bryant.....	do.....	7.50
10	Rice P. Steddum.....	Services.....	151.60
	Ralph D. Stoughton.....	do.....	62.00
	W. M. H. Seabrook.....	do.....	54.00
	Jos. J. Rieman.....	do.....	4.00
14	Geo. W. Toomey.....	Use horse and buggy.....	20.00
	Moses A. Reed.....	do.....	17.50
	Harry F. Tilden.....	do.....	15.75
	McManus Bros.....	do.....	33.00
	Asa Pingree.....	do.....	21.00
	David R. Simmons.....	do.....	17.50
	Chas. W. Rice.....	do.....	21.00
	H. W. Hutson.....	do.....	12.00
	Martin M. Welch.....	do.....	6.00
	Saml. L. Fowle.....	do.....	26.00
	W. H. Higgins.....	do.....	21.00
	.....do.....	do.....	24.50
	A. L. Cook.....	do.....	16.00
	P. W. Packard.....	do.....	10.50
	S. E. Bennett.....	Traveling expenses.....	31.07
	Jasper J. Smart.....	Use horse and buggy.....	22.00
	Geo. E. Wager.....	Traveling expenses.....	20.79
	Thos. Coyle.....	do.....	2.10
15	Geo. P. McCabe.....	do.....	26.90
19	Eastern Drug Co.....	Sponges.....	1.88
	Franklin Rubber Co.....	Coat, etc.....	6.75
	Jacob Lacker.....	Milk cans.....	5.45
	Geo. M. Dishong.....	Traveling expenses.....	20.15
	Geo. T. Denton.....	do.....	53.04
	A. F. Martin.....	do.....	36.05
	Frank L. Shipp.....	do.....	20.93
21	Thos. L. Rice.....	do.....	21.15
	J. Wm. Fink.....	do.....	90.97
22	Emerson J. Cary.....	do.....	111.58
	Milton T. Perry.....	do.....	23.14
	Rice P. Steddum.....	do.....	91.69
	Frank H. Burleigh.....	do.....	15.65
	Geo. A. Johnson.....	do.....	128.17
	U. G. Houck.....	do.....	140.00
24	L. Enos Day.....	do.....	124.32
	M. Imes.....	do.....	141.85
	Wm. C. Seigmond.....	do.....	59.74
	Andrew Hyde.....	do.....	120.26
	David S. Kanstoroom.....	do.....	109.27
	Russell G. Lawton.....	do.....	129.57
	Adolph Eichhorn.....	do.....	110.03
	Clarence O. Durfee.....	do.....	119.72
	A. M. McBride.....	do.....	141.74
	Harry N. Waller.....	do.....	104.81
	H. Q. Thompson.....	do.....	39.30
25	A. N. Irwin.....	do.....	144.72
	Jno. A. Kiernan.....	do.....	144.77
	Jno. P. O'Leary.....	do.....	40.39
	.....do.....	do.....	106.60
	Jno. V. Laddey.....	do.....	167.69
	Trustees of Milk Street Trust.....	Rent.....	75.00
26	Alex. E. Wight.....	Traveling expenses.....	79.55
	Lewis L. Bullard.....	do.....	3.09
28	W. M. H. Seabrook.....	Services.....	4.00
	J. W. Gibbs.....	Use horse and buggy.....	20.00
29	Geo. P. McCabe.....	Traveling expenses.....	30.50
Sept. 1	D. E. Salmon.....	do.....	51.35
3	Patk. H. Mullowney.....	do.....	97.68
	W. H. Hersey.....	do.....	25.91
	Fredk L. Stevens.....	do.....	43.04
9	Rice P. Steddum.....	Services.....	151.60
10	S. E. Bennett.....	Traveling expenses.....	31.07
	Thos. Coyle.....	do.....	5.10
	Jno. E. Kiernan.....	do.....	166.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 10	Saml. E. Bennett et al.	Salaries	\$2,334.84
	Geo. T. Hanton et al.	do	550.42
11	Geo. R. Tyzzer	Use horse, etc.	6.00
16	R. F. Brennan et al.	Salaries	30.00
	Fredk. Herrick	Services	2.00
	Frank E. Darling	do	18.00
	Ralph D. Stoughton	do	40.00
	U. G. Houck	do	151.60
	Geo. T. Hanton	Traveling expenses	52.24
	Geo. M. Dishong	do	20.15
	Rice P. Steddom	do	109.05
	Geo. A. Johnson	do	108.57
	A. N. Irwin	do	63.07
	Geo. E. Wager	do	22.03
	Frank L. Shipp	do	20.73
	Adolph Eichhorn	do	155.88
	J. W. Fink	do	139.15
17	Trustees of the Milk Street Trust	Rent	75.00
	Clarence O. Durce	Traveling expenses	116.35
	Louis L. Bullard	do	3.15
	Emerson J. Cary	do	101.77
	A. McBride	do	49.14
	Fredk. L. Stevens	do	45.21
19	New York, New Haven and Hartford R. R. Co	Passenger transportation	15.00
	New York Central and Hudson River R. R. Co	do	2.73
22	M. Imes	Traveling expenses	135.15
	Alex. E. Wight	do	38.36
	L. Enos Day	do	43.10
	D. S. Kanstoroom	do	79.76
24	J. S. Henry	Cows, etc.	120.75
	W. W. Bessey & Son	Use horse and buggy	13.50
	Houghton & Dutton	Cot, etc.	7.12
	G. A. Shackford & Son	Use horse and buggy	14.00
	C. A. Dennen	Cows, etc.	225.15
	Frank H. Burleigh	Traveling expenses	14.55
	Russell G. Lawton	do	170.82
	Jno. V. Laddey	do	166.14
	L. Enos Day	do	111.76
28	U. G. Houck	do	170.26
	Walter H. Hersey	do	14.65
	Martin Dillon	Services	4.00
	New England Telephone and Telegraph Co	Service	20.78
	Geo. R. Tyzzer	Cattle	152.60
	Total, first quarter		13,957.50
Oct. 9	Saml. E. Bennett et al.	Salaries	2,464.32
	Frank E. Darling	Services	60.00
	Rice P. Steddom	do	146.80
	U. G. Houck	do	146.80
16	J. Wm. Fink	Traveling expenses	177.54
	Thos. Coyle	do	23.85
	S. E. Bennett	do	39.33
	Andrew Hyde	do	127.69
19	Lewis L. Bullard	do	11.95
	Jno. V. Laddey	do	186.60
	Frank L. Shipp	do	17.62
	Geo. E. Wager	do	23.76
	Walter H. Hersey	do	15.97
	Thos. L. Rice	do	48.65
	Geo. T. Hanton	do	51.45
	Geo. M. Dishong	do	17.10
21	C. McNally et al.	Salaries	6.00
	U. G. Houck	Traveling expenses	107.73
	Chas. B. Hutchinson	do	14.95
	Frank H. Burleigh	do	16.30
	Rice P. Steddom	do	90.25
	M. Imes	do	124.90
	Emerson J. Cary	do	165.69
22	Fredk. L. Stevens	do	74.14
	Andrew Hyde	do	92.80
	Russell G. Lawton	do	176.67
	F. N. Adams	do	25.00
	Burditt & Williams Co.	Lanterns	6.02
	Cutter & Cutter	Suit cases	5.63
	Ames Plow Co.	Milking tube	.65
	Franklin Rubber Co.	Boots	25.13
	Eastern Drug Co.	Chemicals	24.73
23	Geo. A. Johnson	Traveling expenses	106.28
	Jno. P. O'Leary	do	155.68

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 24	Clarence O. Durfee.....	Traveling expenses.....	\$178.28
	Adolph Eichhorn.....	do.....	182.26
	Trustees of Milk Street Trust.....	Rent.....	75.00
	Geo. R. Tyzzer.....	Flooring, etc.....	179.40
	New England Telephone and Telegraph Co.....	Service.....	4.50
	Smith & Thayer Co.....	Rubber cups, etc.....	48.23
	Wm. T. Carley.....	Feed.....	52.20
27	Frank E. Darling.....	Services.....	34.00
31	Boston and Maine R. R. Co.....	Transportation.....	19.80
	Pennsylvania R. R. Co.....	Passenger transportation.....	12.25
	S. E. Bennett.....	Traveling expenses.....	40.29
	do.....	Services.....	168.50
Nov. 3	Thos. Coyle.....	Traveling expenses.....	14.89
	Henry C. Brown.....	do.....	6.99
	Rice P. Steddum.....	do.....	76.85
4	D. E. Salmon.....	Expenses.....	6.68
7	Rice P. Steddum.....	Services.....	97.83
	Chas. B. Hutchinson.....	do.....	35.22
10	Geo. A. Johnson et al.....	Salaries.....	1,927.08
16	Walter H. Hersey.....	Traveling expenses.....	12.90
	Frank L. Shipp.....	do.....	19.00
	Geo. E. Wager.....	do.....	25.37
	Patrick H. Mullowney.....	do.....	69.15
	J. Wm. Fink.....	do.....	134.38
	Geo. M. Dishong.....	do.....	20.05
17	Jno. P. O'Leary.....	do.....	98.45
	Geo. A. Johnson.....	do.....	104.18
	Patrick H. Mullowney.....	do.....	75.03
	do.....	do.....	78.20
18	Geo. H. Hanton.....	do.....	60.72
	Fredk. L. Stevens.....	do.....	33.21
19	Harry Q. Thompson.....	do.....	64.60
	do.....	do.....	31.48
	do.....	do.....	52.82
	Andrew Hyde.....	do.....	97.88
	Clarence O. Durfee.....	do.....	131.62
	Emerson I. Cary.....	do.....	146.94
	Chas. B. Hutchinson.....	do.....	21.34
	Adolph Eichhorn.....	do.....	133.94
	Chas. F. Flocken.....	do.....	4.50
	M. Imes.....	do.....	159.61
	Russell G. Lawton.....	do.....	175.23
23	The Bay State Clean Towel Co.....	Towel service.....	10.00
	E. E. Tyzzer.....	Ropes, etc.....	5.50
	Frank L. Whitford.....	Services.....	8.00
	Jno. M. Perley.....	Lime.....	8.95
	Geo. H. Taylor.....	Pipe, etc.....	4.30
	Trustees of Milk Street Trust.....	Rent.....	75.00
	Geo. R. Tyzzer.....	Services.....	20.00
	Wakefield Water Co.....	do.....	9.00
25	Frank H. Burleigh.....	Traveling expenses.....	9.55
27	Jno. V. Laddy.....	do.....	134.42
30	Western Union Telegraph Co.....	Service.....	.60
	do.....	do.....	2.63
Dec. 3	New England Telephone and Telegraph Co.....	do.....	3.20
	do.....	do.....	6.54
12	Andrew Hyde.....	Traveling expenses.....	3.25
16	Leonard Pearson.....	Service.....	162.00
17	Burditt & Williams Co.....	Knife.....	.61
	Boston and Maine R. R. Co.....	Transportation.....	5.00
18	The Pullman Co.....	Passenger transportation.....	6.00
	New York, New Haven and Hartford R. R. Co.....	do.....	24.50
	Pennsylvania R. R. Co.....	do.....	24.50
	Total second quarter.....		10,212.38
1904.			
Jan. 16	Frank L. Stevens.....	Traveling expenses.....	2.35
	Total third quarter.....		2.35

RECAPITULATION.

Total first quarter.....	\$13,957.50
Total second quarter.....	10,212.38
Total third quarter.....	2.35
Total.....	24,172.23

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 19	H. P. Simmons	Mare	\$25.00
	New England Telephone and Telegraph Co.	Service	1.50
	do.	do.	.90
26	W. W. Crandall	Traveling expenses	4.75
Feb. 3	J. V. Laddey	Services	127.70
	Geo. E. Totten	do.	127.70
	Jos. W. Parker	do.	127.70
	H. B. Adair	do.	127.70
	Peter I. Kershner	do.	127.70
	Louis Metsker	do.	127.70
	Clarence A. Clawson	do.	119.20
	Ernest J. Foreman	do.	119.20
	A. N. Irwin	do.	119.20
	W. L. Johnson	do.	119.20
	Chas. A. McCall	do.	119.20
	Thos. S. Rich	do.	119.20
	Geo. Jerome	do.	102.20
	Laomer West	do.	102.20
	Chas. A. Brown	do.	85.20
5	A. A. Holcombe	do.	127.70
6	Clinton H. Bugbee	do.	127.70
	Emerson J. Cary	do.	119.20
	W. S. Cass	do.	119.20
	Horace H. Collins	do.	119.20
	Wilton F. Crewe	do.	102.20
	Chas. W. Deming	do.	102.20
	Roy N. Drake	do.	127.70
	Frank C. Eells	do.	127.70
	Jas. E. Ellis	do.	102.20
	W. R. Fleming	do.	123.62
	J. J. Hayes	do.	119.20
	Walter E. Howe	do.	127.70
	David R. Hodges	do.	85.20
	Wilber H. Hurst	do.	102.20
	Ernest N. Hutchinson	do.	127.70
	J. Otis Jacobs	do.	127.70
	Wm. F. Jones	do.	110.99
	Jno. A. Kiernan	do.	127.70
	Matthias S. Lantz	do.	127.70
	Thos. J. Lowry	do.	85.20
	Jno. McBirney	do.	136.30
	S. W. McClure	do.	102.20
	Henry R. McNally	do.	110.99
	Jay Merrill	do.	85.20
	Russell J. Merrill	do.	76.60
	Isaac C. O'Rourke	do.	119.20
	H. J. Hammond	do.	119.20
	Morris T. Hascall	do.	85.20
	Frank Parker	do.	102.20
	F. O. Petty	do.	85.20
	A. J. Pistor	do.	127.70
	Wm. F. Pflaeging	do.	85.20
	R. A. Ramsay	do.	127.70
	Isaiah Richards	do.	85.20
	A. J. Smith	do.	85.20
	Nathl. B. Smith	do.	119.20
	N. L. Townsend	do.	119.20
	Robt. H. Treacy	do.	119.20
	Thos. White	do.	119.20
	Alex. E. Wight	do.	119.20
	W. W. Worcester	do.	119.20
	Geo. S. Hickox et al.	Salaries	647.30
9	E. T. Davison et al.	do.	259.40
11	Allen A. Holcombe	Expenses	1.50
	Wm. Proudfoot	Services	85.20
	do.	Traveling expenses	57.96
	Clarence Loveberry	do.	2.05
	Allen A. Holcombe	do.	64.90
	Warren J. Fretz	do.	9.00
	E. T. Davison	do.	21.00
	Clarence Loveberry	do.	2.05
12	F. Auerbach & Bro.	Rent	30.00
	E. T. Davison	Use horse and buggy	32.70
	Horace H. Collins	Traveling expenses	30.25
	Jay Merrill	do.	43.75
	Frank C. Eells	do.	29.25
	Isaac O'Rourke	do.	25.00
	Wm. F. Pflaeging	do.	65.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 12	F. O. Pettey.....	Traveling expenses.....	\$23.75
	Frank Parker.....	do.....	14.95
	H. J. Hammond.....	do.....	37.00
	L. K. Green.....	do.....	12.79
	W. R. Dennis.....	do.....	38.90
	Wm. F. Crewe.....	do.....	15.35
	Wm. F. Jones.....	do.....	26.39
	Geo. S. Hickox.....	do.....	5.45
15	Clinton H. Bugbee.....	Expenses.....	58.00
	Jno. A. Kiernan.....	Traveling expenses.....	52.65
	Jno. McBirney.....	do.....	83.10
	S. W. McClure.....	do.....	59.35
	Russell G. Merrill.....	do.....	36.87
	I. W. O'Rourke.....	do.....	67.90
	Nathanl. B. Smith.....	do.....	63.00
	Robt. H. Treacy.....	do.....	51.95
	R. A. Ramsay.....	do.....	88.50
	Alex. E. Wight.....	do.....	14.25
	Hugh M. Rowe.....	do.....	41.45
	Emerson J. Cary.....	do.....	73.10
	Lowell Clarke.....	do.....	92.80
	Chas. W. Deming.....	do.....	20.85
	S. D. Gillett.....	do.....	31.21
	M. T. Hascall.....	do.....	26.50
	Geo. S. Hickox.....	do.....	83.13
	David R. Hodges.....	do.....	71.00
	Walter E. Howe.....	do.....	28.25
	Wilber H. Hurst.....	do.....	37.75
	Ernest N. Hutchinson.....	do.....	78.40
	J. Otis Jacobs.....	do.....	62.20
17	Leomer West.....	do.....	32.90
	Henry R. McNally.....	do.....	64.75
	A. J. Pistor.....	do.....	40.75
	Thos. White.....	do.....	24.25
	W. W. Worcester.....	do.....	7.25
	Jno. V. Laddey.....	do.....	25.00
	M. S. Lantz.....	do.....	26.75
	Chas. A. McCall.....	do.....	3.00
	Louis Metsker.....	do.....	8.50
	Jos. W. Parker.....	do.....	6.30
	Theo. S. Rich.....	do.....	6.39
	Geo. E. Totten.....	do.....	41.05
	Clarence A. Clawson.....	do.....	15.35
	Ernest J. Foreman.....	do.....	8.70
	A. N. Irwin.....	do.....	7.25
	Geo. Jerome.....	do.....	24.25
	W. L. Johnson.....	do.....	11.75
	Peter I. Kershner.....	do.....	23.53
	Chas. A. Brown.....	do.....	15.05
18	Colorado and Southern Rwy. Co.....	Passenger transportation.....	25.50
19	A. J. Smith.....	Traveling expenses.....	105.50
	N. L. Townsend.....	do.....	67.50
	Isaiah Richards.....	do.....	8.00
	J. Otis Jacobs.....	do.....	42.55
	W. R. Fleming.....	do.....	32.50
20	W. W. Worcester.....	do.....	38.15
	Jas. E. Ellis.....	do.....	50.50
23	W. S. Cass.....	Use horse and buggy.....	34.00
	M. H. Clifford.....	Stallion.....	25.00
	Russell G. Merrill.....	Use horse, etc.....	25.00
	Thos. O'Rourke.....	Stallion.....	25.00
Mar. 2	Geo. S. Hickox.....	Traveling expenses.....	3.00
	Thos. J. Lowry.....	do.....	48.50
	Jay Merrill.....	do.....	81.00
	W. J. Muldoun.....	do.....	49.50
	W. S. Cass.....	do.....	80.63
3	Geo. W. Browning.....	Services.....	111.60
	Chas. A. Brown.....	do.....	79.60
	Leslie J. Allen.....	do.....	119.60
	H. B. Adair.....	do.....	119.60
	W. L. Hiatt.....	do.....	95.60
	E. J. Foreman.....	do.....	111.60
	Clarence A. Clawson.....	do.....	111.60
	Frank W. Brewer.....	do.....	111.60
	Stephen L. Blount.....	do.....	95.60
	Jno. L. Burgett.....	do.....	111.60
	A. N. Irwin.....	do.....	111.60
	Marion Imes.....	do.....	111.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 3	W. D. Jorden.....	Services.....	\$95.60
	Geo. Jerome.....	do.....	95.60
	W. L. Johnson.....	do.....	111.60
	Louis A. Klein.....	do.....	111.60
	Peter I. Kershner.....	do.....	119.60
	Jno. V. Laddey.....	do.....	119.60
	Chas. A. McCall.....	do.....	111.60
	Louis Metsker.....	do.....	119.60
	Dan McCuningham.....	do.....	95.60
	Jos. W. Parker.....	do.....	119.60
	Theo. S. Rich.....	do.....	111.60
	Geo. E. Totten.....	do.....	119.60
	Leomer West.....	do.....	95.60
	Arch H. Wallace.....	do.....	111.60
	Jno. Kneebone.....	do.....	65.00
	Albert Dean et al.....	Salaries.....	655.00
	A. G. G. Richardson et al.....	do.....	330.00
	Thos. A. Bray.....	Services.....	119.60
	Wm. M. McKellar.....	do.....	111.60
	Jno. A. Sloan.....	do.....	111.60
4	F. W. Hopkins.....	do.....	119.60
	David C. Hanawalt.....	do.....	111.60
	Willis B. Lincoln.....	do.....	111.60
	J. M. Turner.....	do.....	71.80
	W. H. Yingst.....	do.....	95.60
	A. G. G. Richardson.....	do.....	.80
5	Jno. W. Wolf.....	Mare.....	15.00
7	Jas. W. Davis.....	Services.....	71.80
	C. W. Deming.....	do.....	95.60
	Roy N. Drake.....	do.....	119.60
	Frank C. Eells.....	do.....	119.60
	Jas. E. Ellis.....	do.....	95.60
	Geo. A. Bond.....	do.....	119.60
	C. H. Bugbee.....	do.....	119.60
	W. S. Cass.....	do.....	111.60
	Emerson J. Cary.....	do.....	111.60
	Horace H. Collins.....	do.....	111.60
	W. W. Worcester.....	do.....	111.60
	Alex. E. Wight.....	do.....	111.60
	Thos. White.....	do.....	111.60
	Robt. H. Treacy.....	do.....	111.60
	N. L. Townsend.....	do.....	111.60
	A. J. Smith.....	do.....	79.60
	N. B. Smith.....	do.....	111.60
	Isaiah Richards.....	do.....	79.60
	R. A. Ramsay.....	do.....	119.60
	A. J. Pistor.....	do.....	119.60
	Frank Parker.....	do.....	95.00
	F. O. Pettey.....	do.....	79.60
	Wm. Pflaeging.....	do.....	79.60
	I. W. O'Rourke.....	do.....	111.60
	Russell G. Merrill.....	do.....	71.80
	Henry R. McNally.....	do.....	111.60
	S. W. McClure.....	do.....	95.60
	Jay Merrill.....	do.....	79.60
	Jno. C. Massie.....	do.....	79.60
	Jno. McBirney.....	do.....	127.40
	Thos. J. Lowry.....	do.....	79.60
	Matthew S. Lantz.....	do.....	119.60
	Jno. A. Kiernan.....	do.....	119.60
	J. Otis Jacobs.....	do.....	119.60
	Wm. F. Jones.....	do.....	111.60
	Jas. Irwin.....	do.....	79.60
	Wilbur H. Hurst.....	do.....	95.60
	David R. Hodges.....	do.....	79.60
	H. J. Hammond.....	do.....	111.60
	Jno. J. Hayes.....	do.....	111.60
	Walter E. Howe.....	do.....	119.60
	E. N. Hutchinson.....	do.....	119.60
	Morris T. Hascall.....	do.....	79.60
	Wilton F. Crewe.....	do.....	95.60
	W. R. Fleming.....	do.....	119.60
	Edw. O. Speake et al.....	Salaries.....	352.40
	W. C. Honan et al.....	do.....	179.20
	Geo. S. Hickox et al.....	do.....	605.49
	W. B. Niles et al.....	do.....	430.50
10	Allen A. Holcombe.....	Traveling expenses.....	55.29
	Wallace L. Upton.....	do.....	8.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont d.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 10	Warren J. Fretz.....	Traveling expenses.....	\$20.85
	Wm. Proudfoot.....	do.....	30.70
	Wm. C. Honan.....	do.....	17.25
	Willis B. Lincoln.....	do.....	15.20
	A. G. G. Richardson.....	do.....	3.95
	Allen A. Holcombe.....	Services.....	119.60
	Wallace L. Upton.....	do.....	75.00
	Allen A. Holcombe.....	Expenses.....	1.50
	Jos. Poirier.....	Traveling expenses.....	20.25
11	W. E. Hill.....	Services.....	95.60
	Thos. Redmond.....	Traveling expenses.....	4.25
	W. B. Niles.....	do.....	7.50
	Lowell Clarke.....	do.....	42.70
	Chas. M. Day.....	do.....	26.80
	W. B. Niles.....	Expenses.....	59.74
	F. Auerbach & Bro.....	Rent.....	30.00
	Aug. C. Jens.....	Horse hire.....	25.00
	do.....	do.....	25.00
	Jas. W. Davis.....	do.....	18.00
	Russell G. Merrill.....	do.....	25.00
14	David C. Hanawalt.....	Traveling expenses.....	9.40
	Dean G. Cooper.....	do.....	2.75
	Geo. S. Hickox.....	Expenses.....	5.46
16	E. T. Davidson et al.....	Salaries.....	707.45
	do.....	Traveling expenses.....	29.25
	do.....	Expenses.....	5.26
17	F. C. Fells.....	Traveling expenses.....	28.05
	Chas. W. Deming.....	do.....	10.00
	Horace H. Collins.....	do.....	20.25
	W. S. Cass.....	do.....	58.84
	Geo. A. Bond.....	do.....	10.50
	C. H. Bugbee.....	do.....	62.25
	E. N. Hutchinson.....	do.....	79.65
	R. G. Merrill.....	do.....	40.27
	Stephen D. Gillett.....	do.....	11.10
	M. T. Hascall.....	do.....	15.25
	J. J. Hayes.....	do.....	37.00
	D. R. Hodges.....	do.....	62.75
	Walter F. Howe.....	do.....	18.50
	Wilbur H. Hurst.....	do.....	36.50
	Wm. F. Jones.....	do.....	19.75
	J. O. Jacobs.....	do.....	41.75
	M. S. Lantz.....	do.....	55.55
	T. J. Lowry.....	do.....	49.35
	W. R. Fleming.....	do.....	40.70
	Hugh M. Rowe.....	do.....	29.05
	R. A. Ramsay.....	do.....	72.25
	Wm. F. Pflaeging.....	do.....	77.75
	A. J. Pistor.....	do.....	42.25
	S. W. McClure.....	do.....	25.10
	H. R. McNally.....	do.....	56.25
	J. McBirney.....	do.....	69.00
	Robt. H. Treacy.....	do.....	27.75
	N. L. Townsend.....	do.....	72.60
	N. R. Smith.....	do.....	41.25
	T. White.....	do.....	52.15
	A. E. Wight.....	do.....	34.50
	Chicago and Alton Rwy. Co.....	Passenger transportation.....	4.05
18	J. A. Kiernan.....	Traveling expenses.....	64.25
	E. J. Cary.....	do.....	74.50
	W. R. Dennis.....	do.....	43.10
17	F. O. Pettet.....	do.....	11.55
	Union Pacific R. R. Co.....	Passenger transportation.....	4.11
	do.....	do.....	12.75
21	Marion Imes.....	Traveling expenses.....	70.98
	Wm. D. Jordan.....	do.....	42.70
	Jno. V. Laddey.....	do.....	53.85
	Frank Parker.....	do.....	69.50
	Theo. S. Rich.....	do.....	27.70
	Geo. E. Totten.....	do.....	116.90
	Lavmer West.....	do.....	34.65
	Ernest J. Foreman.....	do.....	44.85
	Frank W. Brewer.....	do.....	47.85
	Thos. A. Bray.....	do.....	25.55
	Leslie J. Allen.....	do.....	22.35
	H. J. Hammond.....	do.....	32.65
	W. L. Hiatt.....	do.....	25.16
	Geo. S. Hickox.....	do.....	78.35

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 21	A. N. Irwin.....	Traveling expenses.....	\$46.95
	Louis Metsker.....	do.....	7.00
	Jos. W. Parker.....	do.....	8.20
	Isaiah Richards.....	do.....	28.75
	Jno. A. Sloan.....	do.....	2.50
	Arch. H. Wallace.....	do.....	11.25
	Chas. A. Brown.....	do.....	8.00
	Jno. L. Burgett.....	do.....	13.14
	Clarence O. Clawson.....	do.....	29.90
	Roy N. Drake.....	do.....	16.50
	Geo. Jerome.....	do.....	14.25
	W. L. Johnson.....	do.....	9.50
	Peter I. Kershner.....	do.....	19.60
	Louis A. Klein.....	do.....	17.30
	Chas. A. McCall.....	do.....	29.00
	Dan McCuningham.....	do.....	20.25
	Wm. M. MacKellar.....	do.....	17.40
	W. S. Cass.....	Horse hire.....	34.00
	E. T. Davison.....	do.....	43.00
24	Isaac W. O'Rourke.....	Traveling expenses.....	55.90
	Jas. C. Ellis.....	do.....	67.75
26	Z. T. Davis.....	Mare.....	30.00
28	W. W. Worcester.....	Traveling expenses.....	46.75
29	Jay Merrill.....	do.....	84.00
	Frank D. Owen.....	do.....	4.50
	Geo. W. Browning.....	do.....	112.53
	The Chicago, Burlington and Quincy Rwy. Co.	Passenger transportation.....	30.00
	Total third quarter.....		25,880.78
Apr. 5	Albert Dean et al.....	Salaries.....	793.60
6	Clarence A. Clawson.....	Services.....	119.20
	Jno. L. Burgett.....	do.....	119.20
	L. A. Klein.....	do.....	119.20
	A. H. Wallace.....	do.....	119.20
	Frank W. Brown.....	do.....	119.20
	A. N. Irwin.....	do.....	119.20
	Theo. S. Rich.....	do.....	119.20
	E. J. Foreman.....	do.....	119.20
	Geo. Jerome.....	do.....	119.20
	Wester L. Johnson.....	do.....	119.20
	Marion Imes.....	do.....	119.20
	Chas. A. McCall.....	do.....	119.20
	Wm. M. MacKellar.....	do.....	119.20
	Jno. A. Sloan.....	do.....	119.20
	Geo. W. Browning.....	do.....	119.20
	Thos. A. Bray.....	do.....	127.70
	Geo. E. Totten.....	do.....	127.70
	Jos. W. Parker.....	do.....	127.70
	Louis Metsker.....	do.....	127.70
	Peter I. Kershner.....	do.....	127.70
	Leslie J. Allen.....	do.....	127.70
	H. B. Adair.....	do.....	127.70
	Jno. V. Laddey.....	do.....	127.70
	S. L. Blount.....	do.....	102.20
	Wm. D. Jorden.....	do.....	102.20
	Jno. H. Lowe.....	do.....	102.20
	Timothy C. Hays.....	do.....	102.20
	Adolph Eichhorn.....	do.....	102.20
	Laomer West.....	do.....	102.20
	Dan McCuningham.....	do.....	102.20
	Arthur T. Coleman.....	do.....	102.20
	Chas. Pearson.....	do.....	102.20
	Wm. L. Hiatt.....	do.....	102.20
	Chas. A. Brown.....	do.....	85.20
7	A. G. G. Richardson et al.....	Salaries.....	352.50
	Geo. S. Hickox et al.....	do.....	647.30
	E. M. Nighbert.....	Traveling expenses.....	14.75
	Wilbur H. Hurst.....	Services.....	102.20
	S. W. McClure.....	do.....	102.20
	Frank Parker.....	do.....	102.20
	Chas. W. Deming.....	do.....	102.20
	E. M. Nighbert.....	do.....	102.20
	Jas. E. Ellis.....	do.....	102.20
	Walter F. Crewe.....	do.....	102.20
	Frank D. Owen.....	do.....	102.20
	Isaiah Richards.....	do.....	85.20
	Wm. F. Pfaegeing.....	do.....	85.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued,

Date.	Name.	Nature of payment.	Total.
1904. Apr. 7	F. O. Pettey.....	Services.....	\$85.20
	Jay Merrill.....	do.....	85.20
	Jno. C. Massie.....	do.....	85.20
	Thos. J. Lowry.....	do.....	85.20
	Wallace L. Upton.....	do.....	85.20
	A. J. Smith.....	do.....	85.20
	David R. Hodges.....	do.....	85.20
	M. T. Hascall.....	do.....	85.20
	Harry E. Armstrong.....	do.....	85.20
	Russell G. Merrill.....	do.....	76.60
	Jno. McBirney.....	do.....	136.30
	Ernest N. Hutchinson.....	do.....	127.70
	Walter E. Howe.....	do.....	127.70
	Roy N. Drake.....	do.....	127.70
	Frank C. Eells.....	do.....	127.70
	W. R. Fleming.....	do.....	127.70
	Geo. A. Bond.....	do.....	127.70
	R. A. Ramsay.....	do.....	127.70
	J. Otis Jacobs.....	do.....	127.70
	M. S. Lantz.....	do.....	127.70
	Allen A. Holcombe.....	do.....	127.70
	F. W. Hopkins.....	do.....	127.70
	Jno. A. Kiernan.....	do.....	127.70
	Clinton H. Bugbee.....	do.....	127.70
	A. J. Pistor.....	do.....	127.70
	David C. Hanawalt.....	do.....	119.20
	Henry R. McNally.....	do.....	119.20
	E. J. Cary.....	do.....	119.20
	Willis B. Lincoln.....	do.....	119.20
	Jno. J. Hayes.....	do.....	119.20
	Horace H. Collins.....	do.....	119.20
	Nathl. B. Smith.....	do.....	119.20
	Isaac W. O'Rourke.....	do.....	119.20
	Robt. H. Treacy.....	do.....	119.20
	Thos. White.....	do.....	119.20
	Alex. E. Wight.....	do.....	119.20
	N. L. Townsend.....	do.....	119.20
	W. W. Worcester.....	do.....	119.20
	H. J. Hammond.....	do.....	119.20
	W. S. Cass.....	do.....	119.20
	Wm. F. Jones.....	do.....	119.20
8	W. B. Niles et al.....	Salaries.....	459.50
9	C. Deadrick.....	Rent.....	30.00
	J. Irwin.....	Services.....	85.20
	A. G. G. Richardson.....	Expenses.....	2.14
	W. P. Ellenberger.....	Traveling expenses.....	33.16
	Jas. W. Davis.....	Services.....	76.60
	E. J. Drake.....	do.....	40.00
	Walter C. Bower.....	do.....	102.20
	W. E. Hill.....	do.....	102.20
	Wm. Calkins.....	do.....	2.50
	Warren J. Fretz.....	do.....	119.20
	E. T. Davison.....	do.....	127.70
	W. C. Honan.....	do.....	76.60
	Edwd. O. Speake et al.....	Salaries.....	374.68
11	W. B. Niles.....	Traveling expenses.....	15.48
	David C. Hanawalt.....	do.....	37.70
	Harry Thse Stars.....	Services.....	25.00
	Frank D. Owen.....	Traveling expenses.....	1.45
	Chas. M. Day.....	do.....	34.02
	Jos. Pourier.....	Services.....	60.00
12	F. Auerbach & Bro.....	Rent.....	30.00
	City Telephone Co.....	Service.....	3.00
	Emma Curran.....	Rent.....	21.00
	Jas. W. Davis.....	Horse hire.....	18.00
	C. B. Hart.....	Rent.....	24.00
	Louis A. Klein.....	Horse hire.....	75.00
	Rocky Mountain Bell Telephone Co.....	Service.....	22.50
13	Kansas City Stock Yards Co.....	Rent.....	45.00
14	Washington Post Co.....	Advertising.....	3.45
19	American Linen Supply Co.....	Towel service.....	3.00
	Louis Keiser.....	Hogs.....	200.00
	Jno. Kneebone.....	Service.....	65.00
	Chas. M. Day.....	Expenses.....	15.00
	Allen A. Holcombe.....	do.....	1.50
	W. B. Niles.....	do.....	24.20
	Wm. D. Jordan.....	Horse hire.....	75.00
	Thos. A. Bray.....	do.....	75.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904- Apr. 19	N. L. Townsend.....	Horse hire.....	\$25.00
	R. G. Merrill.....	do.....	25.00
	W. S. Cass.....	do.....	34.00
	Chas. C. Fulton & Co.....	Advertising.....	3.00
	Charleston Daily Mail.....	do.....	2.08
	Commercial Press Co.....	do.....	2.88
	Burleigh & Flynt.....	do.....	1.50
	The Journal Co.....	do.....	2.30
	The Indianapolis News.....	do.....	1.84
	Vicksburg Herald.....	do.....	3.56
	The State Co.....	do.....	2.50
	The Sentinel Printing Co.....	do.....	2.00
	Republican Publishing Co.....	do.....	2.40
	The Ohio State Journal Co.....	do.....	2.75
	Nashville Banner.....	do.....	1.47
	Nebraska State Journal.....	do.....	2.30
	N. L. Townsend.....	Traveling expenses.....	29.45
	M. S. Lantz.....	do.....	35.75
	Wm. F. Jones.....	do.....	61.25
	E. N. Hutchinson.....	do.....	66.60
	M. T. Hascall.....	do.....	40.00
	Jno. C. Massie.....	do.....	79.50
	R. G. Merrill.....	do.....	28.40
	R. H. Treacy.....	do.....	20.00
	Isaiah Richards.....	do.....	25.25
	W. F. Pflaeging.....	do.....	76.10
	A. J. Pistor.....	do.....	43.25
	F. O. Pettey.....	do.....	12.00
	Frank Parker.....	do.....	76.00
	Wm. Proudfoot.....	do.....	18.25
	Thos. White.....	do.....	42.41
	J. O. Jacobs.....	do.....	22.50
	W. E. Howe.....	do.....	26.25
	W. W. Worcester.....	do.....	40.30
	D. R. Hodges.....	do.....	112.25
	J. A. Kiernan.....	do.....	74.25
	G. S. Hickox.....	do.....	52.90
	S. D. Gillett.....	do.....	12.40
	Jno. J. Hayes.....	do.....	66.00
	E. J. Cary.....	do.....	76.00
	R. N. Drake.....	do.....	41.15
	F. C. Fells.....	do.....	7.90
	Robt. M. Raban.....	do.....	6.80
	E. J. Drake.....	do.....	12.50
	Warren J. Fretz.....	do.....	10.00
	W. C. Honan.....	do.....	19.55
	Allen A. Holcombe.....	do.....	35.96
	W. B. Lincoln.....	do.....	8.35
20	W. S. Cass.....	do.....	37.25
	Albert Dean.....	do.....	29.75
	Alex. E. Wight.....	do.....	41.00
	Hugh M. Rowe.....	do.....	43.15
	Chas. Pearson.....	do.....	8.30
	Leslie J. Allen.....	do.....	30.75
	Marion Imes.....	do.....	78.85
	Lowell Clarke.....	do.....	91.40
	Thos. A. Bray.....	do.....	27.35
	Wm. L. Hiatt.....	do.....	2.75
	Wm. D. Jordan.....	do.....	68.45
	Geo. Jerome.....	do.....	21.60
	W. R. Fleming.....	do.....	52.70
	Norfolk and Western Rwy. Co.....	Passenger transportation.....	10.00
	Chicago and Northwestern Rwy. Co.....	do.....	40.93
	A. F. Daland.....	Service.....	20.00
	A. G. G. Richardson.....	Expenses.....	.90
	Salt Lake Daily Tribune.....	Advertising.....	2.53
	Gammell-Statesman Publishing Co.....	do.....	4.69
	The John L. Murphy Publishing Co.....	do.....	1.32
21	Dan McCuningham.....	do.....	46.95
	Ernest J. Foreman.....	do.....	51.60
	Geo. S. Hickox.....	Expenses.....	5.89
22	Laomer West.....	Traveling expenses.....	58.30
	Jos. W. Parker.....	do.....	15.70
	Peter I. Kershner.....	do.....	42.95
	Western L. Johnson.....	do.....	25.80
	Timothy C. Hays.....	do.....	8.60
	Clarence A. Clawson.....	do.....	20.30
	Arthur T. Coleman.....	do.....	23.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 22	Jno. L. Burgett.....	Traveling expenses.....	\$18.00
23	The Record Publishing Co.....	Advertising.....	3.60
	Topeka State Journal.....	do.....	1.15
	Oklahoma State Capital.....	do.....	1.80
	Iowa State Register.....	do.....	4.17
	Bismarck Weekly Tribune.....	do.....	2.10
	J. H. Sanders Publishing Co.....	do.....	6.65
	The Sacramento Union.....	do.....	4.08
	Oregon Statesman.....	do.....	2.40
	The Constitution Publishing Co.....	do.....	2.20
	Louis A. Klein.....	Traveling expenses.....	25.25
	Arch. H. Wallace.....	do.....	73.70
	Chas. A. Brown.....	do.....	23.40
	Theo. S. Rich.....	do.....	42.15
	Jno. H. Lowe.....	do.....	6.10
	Chas. A. McCall.....	do.....	47.00
	Adolph Eichhorn.....	do.....	9.75
	A. N. Irwin.....	do.....	70.75
	Geo. E. Totten.....	do.....	17.90
	Stephen A. Blount.....	do.....	23.45
	Geo. W. Browning.....	do.....	94.80
	Frank W. Brewer.....	do.....	20.35
	Louis Metsker.....	do.....	16.50
	Wm. M. Mackellar.....	do.....	23.75
	Jno. A. Sloan.....	do.....	6.40
26	Jas. E. Ellis.....	do.....	48.25
	Henry R. McNally.....	do.....	56.50
	Wilbur H. Hurst.....	do.....	44.00
	R. A. Ramsay.....	do.....	64.25
	Clinton H. Bugbee.....	do.....	111.50
	Jno. McBirney.....	do.....	115.00
27	Thos. J. Lowry.....	do.....	64.75
	Gulf Refining Co.....	Oil.....	50.55
	The State Republican.....	Advertising.....	2.60
	Tribune Publishing Co.....	do.....	2.00
	The Arizona Publishing Co.....	do.....	2.50
28	Chicago and Northwestern Rwy. Co.....	Passenger transportation.....	37.35
	Pennsylvania R. R. Co.....	do.....	57.00
May 2	Natl. B. Smith.....	Traveling expenses.....	59.50
	W. R. Dennis.....	do.....	20.95
	Albert Dean et al.....	Salaries.....	827.40
	H. B. Adair.....	Services.....	123.60
	Thos. A. Bray.....	do.....	123.60
	Louis A. Klein.....	do.....	123.60
	Jno. V. Laddey.....	do.....	123.60
	Peter I. Kershner.....	do.....	123.60
	Leslie J. Allen.....	do.....	123.60
	Jos. W. Parker.....	do.....	123.60
	Geo. E. Totten.....	do.....	123.60
	Arch. H. Wallace.....	do.....	123.60
	Frank W. Brewer.....	do.....	115.40
	Wm. M. Mackellar.....	do.....	115.40
	Geo. W. Browning.....	do.....	115.40
	Jno. A. Sloan.....	do.....	115.40
	A. N. Irwin.....	do.....	115.40
	Clarence A. Clawson.....	do.....	115.40
	Ernest J. Foreman.....	do.....	115.40
	Louis Metsker.....	do.....	123.60
3	W. L. Johnson.....	do.....	115.40
	Chas. A. McCall.....	do.....	115.40
	Geo. Jerome.....	do.....	115.40
	Adolph Eichhorn.....	do.....	115.40
	Jno. L. Burgett.....	do.....	115.40
	Marion Imes.....	do.....	115.40
	Theo. S. Rich.....	do.....	115.40
	Arthur T. Coleman.....	do.....	98.90
	Laomer West.....	do.....	98.90
	Timothy C. Hays.....	do.....	98.90
	Dan McCuningham.....	do.....	98.90
	Wm. D. Jorden.....	do.....	98.90
	W. C. Brown.....	do.....	98.90
	Stephen L. Blount.....	do.....	98.90
	Wm. L. Hiatt.....	do.....	98.90
	Chas. Pearson.....	do.....	98.90
	Jno. H. Lowe.....	do.....	98.90
	Chas. A. Brown.....	do.....	82.40
4	The Dispatch Printing Co.....	Advertising.....	3.56
	Jno. Nelson.....	Mare.....	25.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 4	Chas. Landers.....	Mare.....	\$25.00
7	W. B. Niles et al.....	Salaries.....	436.50
	A. G. G. Richardson et al.....	.....do.....	341.10
	F. W. Hopkins.....	Services.....	123.60
	Willis B. Lincoln.....	.....do.....	115.40
	E. M. Nighbert.....	.....do.....	98.90
	Frank D. Owen.....	.....do.....	98.90
	Robt. M. Raban.....	.....do.....	98.90
	Jas. Irwin.....	.....do.....	82.40
	Albert Dean.....	Expenses.....	4.67
	A. G. G. Richardson.....	.....do.....	1.50
	Harry E. Armstrong.....	Traveling expenses.....	132.60
	Isaac W. O'Rourke.....	.....do.....	80.50
	Jno. C. Massie.....	.....do.....	85.00
	E. T. Davison.....	.....do.....	81.59
	H. J. Hammond.....	.....do.....	77.50
	Chas. W. Deming.....	.....do.....	40.60
	A. G. G. Richardson.....	.....do.....	16.35
	Wm. C. Honan.....	.....do.....	10.10
	E. T. Davison.....	Horse, etc.....	11.90
11	Jno. McBirney.....	Services.....	131.90
	C. H. Bugbee.....	.....do.....	123.60
	Geo. A. Bond.....	.....do.....	123.60
	R. N. Drake.....	.....do.....	123.60
	F. C. Eells.....	.....do.....	123.60
	W. R. Fleming.....	.....do.....	123.60
	W. E. Howe.....	.....do.....	123.60
	E. N. Hutchinson.....	.....do.....	123.60
	A. A. Holcombe.....	.....do.....	123.60
	J. A. Kiernan.....	.....do.....	123.60
	J. O. Jacobs.....	.....do.....	123.60
	M. S. Lautz.....	.....do.....	123.60
	A. J. Pistor.....	.....do.....	123.60
	R. A. Ramsay.....	.....do.....	123.60
	A. E. Wight.....	.....do.....	123.60
	H. H. Collins.....	.....do.....	115.40
	E. J. Cary.....	.....do.....	115.40
	W. S. Cass.....	.....do.....	115.40
	J. J. Hayes.....	.....do.....	115.40
	H. J. Hammond.....	.....do.....	115.40
	H. H. Collins.....	.....do.....	115.40
	E. J. Cary.....	.....do.....	115.40
	W. S. Cass.....	.....do.....	115.40
	J. J. Hayes.....	.....do.....	115.40
	H. J. Hammond.....	.....do.....	115.40
	Wm. F. Jones.....	.....do.....	115.40
	H. R. McNally.....	.....do.....	115.40
	I. W. O'Rourke.....	.....do.....	115.40
	N. B. Smith.....	.....do.....	115.40
	Robt. H. Treacy.....	.....do.....	115.40
	N. L. Townsend.....	.....do.....	115.40
	Thos. White.....	.....do.....	115.40
	W. W. Worcester.....	.....do.....	115.40
	Wm. F. Crewe.....	.....do.....	98.90
	C. W. Deming.....	.....do.....	98.90
	Jas. E. Ellis.....	.....do.....	98.90
	Thos. J. Eagle.....	.....do.....	98.90
	W. H. Hurst.....	.....do.....	98.90
	S. W. McClure.....	.....do.....	98.90
	Frank Parker.....	.....do.....	98.90
	H. E. Armstrong.....	.....do.....	82.40
	A. L. Bailey.....	.....do.....	82.40
	L. S. Campbell.....	.....do.....	82.40
	M. T. Hascall.....	.....do.....	82.40
	D. R. Hodges.....	.....do.....	82.40
	R. E. L. Jackson.....	.....do.....	82.40
	T. J. Lowry.....	.....do.....	82.40
	Jno. C. Massie.....	.....do.....	82.40
	Jay Merrill.....	.....do.....	82.40
	F. O. Pettet.....	.....do.....	82.40
	W. F. Pflaeaging.....	.....do.....	82.40
	Wm. Proudfoot.....	.....do.....	82.40
	Isaiah Richards.....	.....do.....	82.40
	Henry Singleton.....	.....do.....	82.40
	A. J. Smith.....	.....do.....	82.40
	W. L. Upton.....	.....do.....	82.40
	R. G. Merrill.....	.....do.....	74.20
	E. J. Drake.....	.....do.....	55.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 11	Elias Gilmore.....	Services.....	\$30.00
	C. K. Schafer.....	do.....	12.36
	H. L. McDonald.....	do.....	9.89
	Wm. Calkins.....	do.....	5.00
	W. C. Honan.....	do.....	74.20
	E. O. Speake et al.....	Salaries.....	506.26
	E. T. Davison et al.....	do.....	832.60
	do.....	Expenses.....	8.90
	do.....	Traveling expenses.....	118.31
	W. W. Crandall.....	do.....	3.45
	H. H. Collins.....	do.....	51.00
	Elias Gilmore.....	do.....	3.15
	Geo. S. Hickox.....	do.....	122.92
	W. B. Lincoln.....	do.....	12.25
	Robt. R. Newman.....	do.....	12.70
	R. M. Raban.....	do.....	5.85
	Thos. Redmond.....	do.....	24.45
	F. Auerbach & Bro.....	Office rent.....	30.00
	R. G. Merrill.....	Use horse, etc.....	25.00
	N. L. Townsend.....	do.....	25.00
12	Geo. S. Hickox et al.....	Salaries.....	741.70
	A. A. Holcombe.....	Expenses.....	1.50
	Chas. M. Day.....	Traveling expenses.....	34.50
	W. F. Ellenberger.....	do.....	10.40
	A. A. Holcombe.....	do.....	26.19
	L. D. Turner.....	Mares.....	50.00
	Fakes & Co.....	Desk, etc.....	45.50
	W. S. Cass.....	Hire horse, etc.....	34.00
	Her Plenty Horses.....	Mares.....	30.00
	Bernard Black.....	Mare.....	20.00
	Full Stomach.....	do.....	15.00
	I. J. M. Brown.....	Service self and horse.....	12.50
13	W. B. Niles.....	Expenses.....	13.00
	F. W. Brewer.....	Traveling expenses.....	65.10
	A. T. Coleman.....	do.....	10.75
	W. J. Fretz.....	do.....	33.70
	W. L. Johnson.....	do.....	29.25
	F. D. Owen.....	do.....	1.45
	Jos. W. Parker.....	do.....	22.40
	T. S. Rich.....	do.....	22.00
	New Mexico Printing Co.....	Advertisement.....	2.00
16	J. L. Burgett.....	Traveling expenses.....	1.65
	C. A. Clawson.....	do.....	43.60
	Albert Dean.....	do.....	17.50
	L. T. Green.....	do.....	14.19
	Geo. Jerome.....	do.....	23.75
	W. D. Jorden.....	do.....	57.45
	P. I. Kershner.....	do.....	22.15
	L. A. Klein.....	do.....	9.20
	Louis Metsker.....	do.....	45.50
	Chas. Pearson.....	do.....	22.90
	Jno. A. Sloan.....	do.....	25.50
	Geo. E. Totten.....	do.....	22.20
18	L. J. Allen.....	do.....	27.55
	C. A. Brown.....	do.....	55.20
	Geo. W. Browning.....	do.....	18.55
	S. L. Blount.....	do.....	23.50
	R. N. Drake.....	do.....	79.85
	Thos. J. Eagle.....	do.....	10.25
	F. C. Eells.....	do.....	7.50
	Adolph Eichhorn.....	do.....	18.95
	M. T. Hascall.....	do.....	19.50
	A. N. Irwin.....	do.....	75.05
	Marion Imes.....	do.....	101.70
	Jno. A. Kiernan.....	do.....	82.75
	Jno. V. Laddey.....	do.....	61.45
	do.....	do.....	35.85
	Thos. J. Lowery.....	do.....	95.30
	Wm. M. MacKellar.....	do.....	15.80
	Chas. A. McCall.....	do.....	78.40
	Jno. McBitney.....	do.....	106.75
	Dan McCuningham.....	do.....	43.95
	S. W. McClure.....	do.....	11.40
	W. F. Pflaeging.....	do.....	76.50
	H. M. Rowe.....	do.....	21.40
	C. K. Schafer.....	do.....	12.35
	N. L. Townsend.....	do.....	34.75
	A. H. Wallace.....	do.....	114.05

*Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.*BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 18	Laomer West.....	Traveling expenses.....	\$59.35
	Thos. White.....	do.....	13.96
	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation.....	12.50
	Chicago and Alton Rwy. Co.....	do.....	7.25
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	39.60
	Great Northern Rwy. Co.....	do.....	10.50
	Illinois Central R. R. Co.....	do.....	4.25
	Oregon Short Line R. R. Co.....	do.....	9.60
	Lewis Keiser.....	Hogs.....	200.00
20	W. E. Hill.....	Services.....	98.90
	Geo. S. Hickox.....	Expenses.....	6.55
	H. E. Armstrong.....	Traveling expenses.....	143.75
	C. H. Bugbee.....	do.....	110.50
	L. S. Campbell.....	do.....	95.25
	Lowell Clarke.....	do.....	95.15
	W. R. Dennis.....	do.....	92.55
	Chas. W. Deming.....	do.....	35.00
	Jas. E. Ellis.....	do.....	43.25
	E. J. Foreman.....	do.....	29.05
	S. D. Gillett.....	do.....	49.80
	T. C. Hays.....	do.....	14.45
	D. R. Hodges.....	do.....	124.25
	R. E. L. Jackson.....	do.....	102.50
	Jas. V. Kerr.....	do.....	24.85
	R. G. Merrill.....	do.....	20.78
	Jay Merrill.....	do.....	90.75
	Geo. B. McCabe.....	do.....	132.05
	I. W. O'Rourke.....	do.....	28.25
	F. O. Pettey.....	do.....	123.50
	A. E. Wight.....	do.....	41.25
	Pretty Hip.....	Mares.....	45.00
	E. T. Davison.....	Hire team.....	42.50
	The Philadelphia Inquirer Co.....	Advertising.....	4.00
	Dunn & Lemmon.....	do.....	1.95
	The Times Dispatch Co.....	do.....	1.44
	Journal Newspaper Co.....	do.....	3.15
24	A. L. Bailey.....	Traveling expenses.....	88.75
	Geo. A. Bond.....	do.....	44.80
	W. S. Cass.....	do.....	39.50
	L. E. Day.....	do.....	43.97
	W. R. Fleming.....	do.....	56.05
	Jas. J. Hayes.....	do.....	79.75
	E. N. Hutchinson.....	do.....	36.90
	W. H. Hurst.....	do.....	62.75
	D. C. Hanawalt.....	do.....	95.80
	J. O. Jacobs.....	do.....	31.60
	M. S. Lantz.....	do.....	22.00
	A. J. Pistor.....	do.....	24.05
	R. A. Ramsey.....	do.....	70.95
	W. L. Upton.....	do.....	51.65
	W. E. Howe.....	Expenses.....	7.50
26	W. C. Smoot.....	Mare.....	15.00
27	E. J. Cary.....	Traveling expenses.....	64.00
	H. H. Collins.....	do.....	57.00
	W. F. Crewe.....	do.....	7.75
	H. J. Hammond.....	do.....	66.75
	W. E. Howe.....	do.....	37.65
	Wm. F. Jones.....	do.....	40.25
	Jno. C. Massie.....	do.....	85.00
	H. R. McNally.....	do.....	52.50
	N. B. Smith.....	do.....	42.25
June 1	Isaiah Richards.....	do.....	69.75
	R. H. Treacy.....	do.....	68.00
	Chas. N. McBryde.....	do.....	17.75
2	Jay Merrill.....	do.....	93.70
	Wm. Proudfoot.....	do.....	90.25
	Henry Singleton.....	do.....	103.25
	W. W. Worcester.....	do.....	47.75
	H. B. Adair.....	Services.....	127.80
	L. J. Allen.....	do.....	127.80
	Thos. A. Bray.....	do.....	127.80
	Peter I. Kershner.....	do.....	127.80
	L. A. Klein.....	do.....	127.80
	J. V. Laddey.....	do.....	127.80
	Louis Metsker.....	do.....	127.80
	Jos. W. Parker.....	do.....	127.80
	Geo. E. Totten.....	do.....	127.80
	A. H. Wallace.....	do.....	127.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 2	F. W. Brewer.....	Services.....	\$119.20
	Geo. W. Browning.....	do.....	119.20
	Jno. L. Burgett.....	do.....	119.20
	C. A. Clawson.....	do.....	119.20
	Adolph Eichhorn.....	do.....	119.20
	E. J. Foreman.....	do.....	119.20
	Marion Imes.....	do.....	119.20
	A. N. Irwin.....	do.....	119.20
	Geo. Jerome.....	do.....	119.20
	W. L. Johnson.....	do.....	119.20
	Chas. A. McCall.....	do.....	119.20
	W. M. MacKellar.....	do.....	119.20
	T. S. Rich.....	do.....	119.20
	Jno. A. Sloan.....	do.....	119.20
	S. L. Blount.....	do.....	102.20
	W. C. Bowen.....	do.....	102.20
	A. T. Coleman.....	do.....	102.20
	T. C. Hays.....	do.....	102.20
	W. L. Hiatt.....	do.....	102.20
	W. D. Jordan.....	do.....	102.20
	Jno. H. Lowe.....	do.....	102.20
	Dan McCuningham.....	do.....	102.20
	Chas. Pearson.....	do.....	102.20
	Laomer West.....	do.....	102.20
	Chas. A. Brown.....	do.....	85.20
3	Albert Dean et al.....	Salaries.....	902.59
	A. G. G. Richardson et al.....	do.....	352.80
	E. T. Davison.....	Expenses.....	32.67
	Geo. M. Bettis.....	Traveling expenses.....	4.50
	E. J. Drake.....	do.....	17.75
	Frank Parker.....	do.....	87.50
	A. J. Silcock.....	Mare.....	15.00
	Yellow Hair Woman.....	do.....	20.00
	W. E. Hargrave.....	Horse.....	25.00
	The Bartlett Publishing Co.....	Advertising.....	2.50
	The Globe Printing Co.....	do.....	5.25
8	Geo. H. Hickox et al.....	Salaries.....	954.00
	W. C. Honan.....	Service.....	76.60
	W. B. Niles et al.....	Salaries.....	449.50
	F. L. Boone.....	Services.....	31.65
	W. E. Burrows.....	do.....	31.65
	F. C. Dauncey.....	do.....	31.65
	Jas. C. Exline.....	do.....	31.65
	B. F. Gooch.....	do.....	31.65
	Jas. M. Lawson.....	do.....	31.65
	R. C. Livens.....	do.....	31.65
	Jno. C. Reid.....	do.....	31.65
	Chas. F. Rork.....	do.....	31.65
	H. A. Smith.....	do.....	31.65
	N. R. Adams.....	do.....	43.96
	F. W. Schatzell.....	do.....	43.96
	Fred Evans.....	do.....	52.75
	Jere C. Leyser.....	do.....	61.40
	R. R. Newman.....	do.....	61.40
	E. R. O'Niel.....	do.....	61.40
	F. C. O'Rourke.....	do.....	61.40
	Jno. L. Osborn.....	do.....	61.40
	R. G. Merrill.....	do.....	76.60
	H. I. McDonald.....	do.....	76.60
	O. W. Noyes.....	do.....	76.60
	Jas. Irwin.....	do.....	85.20
	R. E. L. Jackson.....	do.....	85.20
	Jay Merrill.....	do.....	85.20
	Wm. F. Pflaeging.....	do.....	85.20
	F. O. Pettey.....	do.....	85.20
	W. S. Pidcock.....	do.....	85.20
	Wm. Proudfoot.....	do.....	85.20
	W. F. Crewe.....	do.....	102.20
	Thos. J. Eagle.....	do.....	102.20
	W. H. Hurst.....	do.....	102.20
	S. W. McClure.....	do.....	102.20
	E. M. Nighbert.....	do.....	102.20
	F. D. Owen.....	do.....	102.20
	Frank Parker.....	do.....	102.20
	R. M. Raban.....	do.....	102.20
	Chas. W. Deming.....	do.....	110.99
	W. F. Jones.....	do.....	119.20

*Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.*BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 8	W. B. Lincoln.....	Services.....	\$119.20
	H. R. McNalley.....	do.....	119.20
	I. W. O'Rourke.....	do.....	119.20
	R. N. Drake.....	do.....	127.80
	F. W. Hopkins.....	do.....	127.80
	W. E. Howe.....	do.....	127.80
	E. N. Hutchinson.....	do.....	127.80
	Jno. A. Kiernan.....	do.....	127.80
	M. S. Lantz.....	do.....	127.80
	A. J. Pistor.....	do.....	127.80
	W. A. Savage.....	do.....	127.80
	A. A. Holcombe.....	do.....	136.20
	W. P. Ellenberger.....	Traveling expenses.....	43.02
	Wm. C. Honan.....	do.....	10.55
9	Edw. O. Speake et al.....	Salaries.....	495.80
	Geo. A. Bond.....	Services.....	127.80
	C. H. Bugbee.....	do.....	127.80
	W. R. Fleming.....	do.....	127.80
	K. A. Ramsay.....	do.....	127.80
	A. E. Wight.....	do.....	127.80
	E. J. Cary.....	do.....	119.20
	W. S. Cass.....	do.....	119.20
	H. H. Collins.....	do.....	119.20
	H. J. Hammond.....	do.....	119.20
	J. J. Hayes.....	do.....	119.20
	N. B. Smith.....	do.....	119.20
	Robt. H. Treacy.....	do.....	119.20
	Thos. White.....	do.....	119.20
	Jas. E. Ellis.....	do.....	102.20
	H. E. Armstrong.....	do.....	85.20
	A. L. Bailey.....	do.....	85.20
	L. S. Campbell.....	do.....	85.20
	D. R. Hodges.....	do.....	85.20
	Thos. J. Lowry.....	do.....	85.20
	Jno. C. Massie.....	do.....	85.20
	Isaiah Richards.....	do.....	85.20
	Henry Singleton.....	do.....	85.20
	A. J. Smith.....	do.....	85.20
	G. A. Hanvey.....	do.....	61.40
	Chas. H. Robinson.....	do.....	61.40
	E. S. Spindler.....	do.....	31.65
	C. E. Verry.....	do.....	31.65
11	R. J. Blanche.....	do.....	127.80
	E. T. Davison.....	do.....	127.80
	L. E. Day.....	do.....	127.80
	F. C. Eells.....	do.....	127.80
	J. O. Jacobs.....	do.....	127.80
	W. J. Fretz.....	do.....	119.20
	N. L. Townsend.....	do.....	119.20
	W. W. Worcester.....	do.....	119.20
	W. J. Bracken.....	do.....	102.20
	Wm. J. Butler.....	do.....	102.20
	W. E. Hill.....	do.....	102.20
	M. T. Hassell.....	do.....	85.20
	W. L. Upton.....	do.....	85.20
	Frank Baggage.....	do.....	57.50
	Wm. Calkins.....	do.....	5.00
	Chas. C. Conley.....	do.....	39.56
	E. J. Drake.....	do.....	32.50
	Elias Gilmore.....	do.....	71.60
	Jno. Kneebone.....	do.....	60.00
	Jno. Pourier.....	do.....	60.00
	Jas. Pourier.....	do.....	62.50
	Harry Three Stars.....	do.....	65.00
	Oliver Tyron.....	do.....	60.00
	Saml. I. Valentine.....	do.....	76.60
	E. G. Ward.....	do.....	65.00
	Jas. Wilde.....	do.....	15.00
	do.....	do.....	62.50
	Lowell Clarke.....	Traveling expenses.....	56.60
	Chas. C. Conley.....	do.....	81.85
	Chas. M. Day.....	do.....	18.55
	W. J. Fretz.....	do.....	30.50
	F. J. Glynn.....	do.....	22.95
	D. C. Hanawalt.....	do.....	57.75
	D. R. Hodges.....	do.....	137.25
	A. A. Holcombe.....	do.....	63.96

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued.

Date	Name.	Nature of payment.	Total.
1904. June 11	W. B. Lincoln.....	Traveling expenses.....	\$8.10
	E. M. Nighbert.....	do.....	2.25
	W. B. Niles.....	do.....	10.20
	do.....	Expenses.....	13.00
	Wm. F. Pflaeging.....	do.....	72.25
	A. J. Pistor.....	do.....	18.25
	Thos. Redmond.....	do.....	47.35
	W. S. Cass.....	Horse hire, etc.....	34.00
	R. G. Merrill.....	do.....	25.00
	N. L. Townsend.....	do.....	25.00
	C. Deadrick.....	Rent of room.....	20.00
	F. Auerbach & Bro.....	do.....	30.00
	F. J. Lamb.....	Corn.....	21.10
	Alex. Merrivall.....	Mare.....	35.00
	Wallace Running Eagle.....	do.....	15.00
	J. O. B. Scobey.....	Advertising.....	2.50
13	F. C. Dauncey.....	Traveling expenses.....	64.40
	M. S. Lantz.....	do.....	51.00
	Thos. J. Lowry.....	do.....	139.25
	Wm. Proudfoot.....	do.....	96.50
	Isaiah Richards.....	do.....	130.95
	F. W. Schatzell.....	do.....	65.70
	Thos. White.....	do.....	19.75
14	N. R. Adams.....	do.....	46.50
	Thos. A. Bray.....	do.....	8.60
	S. L. Blount.....	do.....	48.10
	Chas. A. Brown.....	do.....	44.90
	Wm. E. Burrows.....	do.....	45.30
	L. E. Day.....	do.....	96.13
	M. T. Hascall.....	do.....	13.00
	A. N. Irwin.....	do.....	64.00
	L. A. Klein.....	do.....	15.85
	J. C. Leyser.....	do.....	112.75
	R. G. Merrill.....	do.....	17.00
	Robt. R. Newman.....	do.....	80.50
	Jas. C. Reid.....	do.....	80.40
	C. E. Verry.....	do.....	66.30
	W. W. Worcester.....	do.....	45.25
15	L. J. Allen.....	do.....	20.60
	H. E. Armstrong.....	do.....	109.25
	R. J. Blanche.....	do.....	80.21
	F. W. Brewer.....	do.....	72.75
	Geo. W. Browning.....	do.....	12.05
	C. H. Bugbee.....	do.....	75.00
	Jno. L. Burgett.....	do.....	24.05
	L. S. Campbell.....	do.....	104.75
	C. A. Clawson.....	do.....	50.75
	W. F. Crewe.....	do.....	15.80
	A. T. Coleman.....	do.....	11.05
	E. T. Davison.....	do.....	100.30
	Fred Evans.....	do.....	8.50
	Adolph Eichhorn.....	do.....	30.80
	W. R. Fleming.....	do.....	53.85
	T. C. Hays.....	do.....	14.40
	W. L. Hiatt.....	do.....	1.75
	W. E. Howe.....	do.....	14.25
	Marion Imes.....	do.....	70.00
	Geo. Jerome.....	do.....	7.95
	W. L. Johnson.....	do.....	34.75
	Wm. F. Jones.....	do.....	22.75
	P. I. Kershner.....	do.....	16.80
	Jno. V. Laddey.....	do.....	69.85
	Jno. C. Massie.....	do.....	95.50
	Louis Metsker.....	do.....	59.00
	Wm. M. MacKellar.....	do.....	27.80
	Chas. A. McCall.....	do.....	35.50
	Dan McCuningham.....	do.....	34.95
	Jno. L. Osborne.....	do.....	113.90
	Chas. Pearson.....	do.....	10.85
	Robt. M. Raban.....	do.....	14.59
	T. S. Rich.....	do.....	5.75
	Chas. H. Robinson.....	do.....	108.05
	Chas. F. Rork.....	do.....	50.65
	H. M. Rowe.....	do.....	42.35
	E. S. Spindler.....	do.....	84.45
	Jno. A. Sloan.....	do.....	18.00
	Geo. E. Totten.....	do.....	22.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 15	A. H. Wallace.....	Traveling expenses.....	\$12.00
16	W. D. Jordan.....	do.....	54.20
18	A. L. Bailey.....	do.....	103.70
	W. S. Cass.....	do.....	20.25
	Thos. J. Eagle.....	do.....	18.75
	Jno. E. Ellis.....	do.....	110.00
	E. J. Foreman.....	do.....	21.60
	S. D. Gillett.....	do.....	102.15
	Geo. S. Hickox.....	do.....	24.45
	Jno. McBirney.....	do.....	110.75
	W. S. Pidcock.....	do.....	67.20
	N. B. Smith.....	do.....	16.50
20	E. T. Davison.....	Horse hire.....	32.30
	do.....	do.....	20.40
	Geo. Ruffe.....	Mare.....	25.00
21	W. C. Barth.....	Traveling expenses.....	12.35
	H. J. Hammond.....	do.....	87.50
	E. T. Davison.....	Expenses.....	11.02
22	Jno. McBirney.....	Services.....	136.20
23	F. L. Borne.....	Traveling expenses.....	62.25
	H. R. McNally.....	do.....	61.25
	Jos. W. Parker.....	do.....	19.20
	F. O. Pettey.....	do.....	67.50
24	Geo. S. Hickox.....	Expenses.....	8.40
	S. W. McClure.....	Traveling expenses.....	32.60
	R. A. Ramsay.....	do.....	17.25
	C. K. Schafer.....	do.....	24.65
	Loomer West.....	do.....	29.00
	A. E. Wight.....	do.....	39.25
	Total fourth quarter, 1904.....		59,933.64

RECAPITULATION.

Total third quarter, 1904.....	\$25,880.78
Total fourth quarter, 1904.....	59,933.64
Total.....	\$85,814.42

BUREAU OF ANIMAL INDUSTRY—RENT OF BUILDINGS.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 14	J. H. Johnson & Son.....	Rent, July, 1903.....	\$150.00
Sept. 9	do.....	Rent, August, 1903.....	150.00
Oct. 8	do.....	Rent, September, 1903.....	150.00
Nov. 6	do.....	Rent, October, 1903.....	150.00
Dec. 5	do.....	Rent, November, 1903.....	150.00
1904.			
Jan. 12	do.....	Rent, December, 1903.....	150.00
Feb. 8	do.....	Rent, January, 1904.....	150.00
Mar. 11	do.....	Rent, February, 1904.....	150.00
Apr. 4	do.....	Rent, March, 1904.....	150.00
May 6	do.....	Rent, April, 1904.....	150.00
June 4	do.....	Rent, May, 1904.....	150.00
July 14	do.....	Rent, June, 1904.....	150.00
	Total rent.....		1,800.00

PAID BY TREASURY.

1904.			
Feb. 10	The Public Printer.....	Bulletins Nos. 45 R and 1536 C...	\$163.60
Mar. 11	do.....	Binding 30 books.....	20.00
June 20	do.....	Binding 600 copies special report.....	450.00
Sept. 8	Northern Pacific Rwy. Co.....	Passenger transportation.....	45.50
	Total.....		689.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	J. K. Haywood et al.	Salaries	\$2,959.49
Aug. 1	H. W. Wiley	Traveling expenses	88.75
10	W. B. Alwood	Salary	50.00
14	A. L. Winton	Traveling expenses	3.81
	Wm. Frear	do.	81.69
	do.	do.	24.72
	J. R. Galloway	Electric cable	2.50
	J. H. Johnson & Son	Rent	208.33
	S. J. Beveridge	do.	25.00
15	Francis Miller	Glass	1.68
	American Writing Machine Co.	Paper	23.75
	The Smith Premier Typewriter Co.	Typewriter	87.75
17	Yawman & Erbe Manufacturing Co.	Guides, etc.	3.90
	Mallinckrodt Chemical Works	Chemicals	3.23
18	Delano & Moore	Plates, etc.	9.84
	Woodward & Lothrop	Soap, etc.	9.13
	do.	7 yards warp	2.01
	Z. D. Gilman	Chemicals	2.30
19	Bausch & Lomb Optical Co.	Tubes	2.20
	Christian Becker	Balance	110.00
	Mallinckrodt Chemical Works	Chemicals	17.00
	do.	do.	47.00
	Henry Heil Chemical Co.	do.	5.20
20	M. Du Perow	Fan blade	2.50
	do.	Cut oats, etc.	2.76
21	Francis Miller	Glass	1.31
22	Bernard H. Smith	Traveling expenses	4.00
24	Lyman F. Kebler	do.	51.12
25	Eimer & Amend	Apparatus, etc.	22.45
	do.	Burettes, etc.	35.03
27	E. G. Schafer & Co.	Plugs	.72
	do.	Bushings	2.61
31	J. K. Haywood et al.	Salaries	2,856.64
Sept. 4	Potomac Electric Power Co.	Electric current	10.81
	Washington Gas Light Co.	Gas	36.50
8	W. B. Alwood	Salary	50.00
9	J. B. Espey	Bolts, etc.	6.85
	Christian Becker	Balance	110.00
	J. H. Johnson & Son	Rent	208.33
10	Hugh Reilly	Glue	1.00
	U. S. Envelope Co.	Envelopes	20.43
	J. H. Bunnell & Co.	Batteries	4.80
	do.	Key-sockets	1.95
	Eimer & Amend	Chemicals	.65
	do.	do.	8.15
	Merck & Co.	do.	.79
	Capital Traction Co.	120 tickets	5.00
	F. A. Schmidt	Calculating machine	32.00
	Francis Miller	Glass lights	3.84
	R. P. Clarke Co.	Toweling	11.75
11	W. T. Darrow	Salary	9.68
	Sanders & Stayman Co.	Violin screws	1.25
	The Smith Premier Typewriter Co.	Repairs	5.00
	Stark Tool Co.	Wire clinks	24.75
	The Zanesville Stoneware Co.	Rings	4.05
15	Louis Smith	Hauling broken brick	1.00
16	F. P. Veitch	Traveling expenses	17.49
18	W. D. Bigelow	do.	28.59
21	Thos. Somerville & Sons	Castings, etc.	4.20
	R. P. Andrews & Co. (Incorporated)	Clips	.27
	National Electrical Supply Co.	Fan, etc.	11.00
	do.	Card	.94
	E. G. Schafer & Co.	Tees	2.40
	Hugh Reilly	Paint, etc.	3.50
24	Library Bureau	Sets of guides	7.70
	Henry Heil Chemical Co.	Beakers	94.25
	do.	Pipettes	23.10
	Queen & Co. (Incorporated)	Alcohol	6.00
	The Okonite Co. (Limited)	Wire	.60
	M. Du Perow	Knife switch	.62
30	J. K. Haywood et al.	Salaries	2,747.71
	Total first quarter		10,255.37
Oct. 3	Delano & Moore	Plates	2.37
8	Susan J. Beveridge	Rent	25.00
	do.	do.	25.00
	J. Harrison Johnson & Son	do.	208.33
9	Wm. B. Alwood	Salary	50.00
10	Rudolph, West & Co.	Brush	1.88

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 10	Z. D. Gilman.....	Thermometers, etc.....	\$117.67
	Washington Gas Light Co.....	Gas.....	23.90
	.....do.....	.....do.....	25.80
	Woodruff Manufacturing Co.....	Cabinet.....	43.17
	James B. Lambie Co. (Incorporated).....	Hatchet, etc.....	.72
	.....do.....	Cotton waste, etc.....	9.16
	Delano & Moore.....	Photo supplies.....	9.30
	Francis Miller.....	Glass.....	1.07
	Thos. Somerville & Sons.....	Pipe.....	7.23
	Woodward & Lothrop.....	Soap, etc.....	11.63
	Potomac Electric Power Co.....	Current.....	13.30
	.....do.....	.....do.....	6.38
12	Church & Stephenson.....	Lumber.....	16.00
	Dulin & Martin Co.....	Crocks, etc.....	2.61
	John B. Espey.....	Fan and wire.....	27.70
	Standard Oil Co.....	Oil.....	5.00
	Barber & Ross.....	Meat chopper, etc.....	7.40
	Densmore Typewriter Co.....	Repairs to typewriter.....	.55
	Fred. A. Schmidt.....	Cross-section paper.....	7.65
	John C. Parker.....	Gummed paper, etc.....	5.15
21	Elmer & Amend.....	Chemicals, etc.....	38.35
	.....do.....	Tubing.....	5.83
22	Emil Greimer.....	Burettes.....	14.85
	Library Bureau.....	Cards.....	14.10
	.....do.....	Tin tray.....	1.75
	Whitall, Tatum & Co.....	Flasks.....	58.36
	Queen & Co. (Incorporated).....	Lamps.....	17.00
	.....do.....	Dishes.....	63.21
23	J. Baumgarten & Sons.....	Wax seal.....	1.25
	F. A. Tschiffely, jr.....	Bottles.....	3.22
	Ernest Betz.....	Copper tank.....	21.75
	Dulin & Martin Co.....	Dishes.....	9.45
	The Mathy Co. (Incorporated).....	Water baths (copper).....	34.00
	James B. Lambie Co. (Incorporated).....	Padlocks.....	.67
	Thos. Somerville & Sons.....	Pipe, etc.....	53.42
	National Electrical Supply Co.....	Repairs.....	1.00
	John Lucas Co.....	Cans.....	18.00
	U. S. Mailing Case Co.....	Mailing.....	1.92
	Perfection Chemical Co.....	Fumigators.....	4.25
	Sharpe & Dohme.....	Acid.....	19.75
	The Grove Lime and Coal Co.....	Lime.....	.65
	George T. Ennis.....	Brass casting, etc.....	4.56
	J. Ross Collins.....	Cotton bags.....	24.82
	Franz Zerrahen.....	Wine.....	.84
	Eberhard Faber.....	Rubbers.....	1.30
24	Emil Greiner.....	Rubber stoppers.....	55.00
	P. Pasteur & Co.....	Oil.....	1.00
	The Torsion Balance Co.....	Scale.....	22.50
	The Zanesville Stoneware Co.....	Rings, etc.....	6.20
	Christian Becker.....	Repairing balance.....	32.25
	.....do.....	Repairing weights.....	8.13
28	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	Blue Line Transfer Co.....	Transportation.....	.87
	Brown Bros.....	Potatoes, etc.....	6.00
	Delano & Moore.....	Photo supplies.....	1.47
	The Geo. W. Knox Express Co.....	Transportation.....	1.17
	Mackall Bros.....	Jars.....	21.28
29	Whitall, Tatum Co.....	.....do.....	15.40
	.....do.....	Spats, etc.....	6.94
31	J. H. Haywood et al.....	Salaries.....	2,593.28
Nov. 2	William Frear.....	Salary.....	82.26
4	Walter Schumann.....	Reimbursement for cablegrams.....	64.83
	Richard M. Bartleman.....	.....do.....	18.68
	Wm. Henry Bishop.....	.....do.....	5.23
	Geo. H. Murphy.....	.....do.....	36.41
	J. Harrison Johnson & Son.....	Rent.....	208.33
7	William Frear.....	Salary.....	50.00
9	Bernard H. Smith.....	Traveling expenses.....	24.25
	H. W. Wiley.....	Expenses.....	19.83
10	Wm. B. Alwood.....	Salary.....	50.00
16	G. E. Colby.....	.....do.....	29.00
17	Harold S. Van Buren.....	Cablegrams.....	3.38
	Victor H. Morgan.....	.....do.....	9.04
	A. Homer Byington.....	.....do.....	75.56
19	L. S. Depue.....	Oats, etc.....	1.16
20	U. S. Mailing Case Co.....	Cases, etc.....	8.16
	Manning, Maxwell & Moore.....	Weights.....	12.00
	Tuccolli & Pieretti.....	Oil, etc.....	2.70
	H. J. Patterson.....	Butter.....	12.30
	Curtice Brothers Co.....	Canned goods.....	38.16

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 20	Auguste Sandoz	Bread	\$11.40
	Curtice Brothers Co.	Canned goods	44.01
	Walter Hansing	Cablegrams	24.56
21	Z. D. Gilman	Weights	26.44
	Mackall Bros.	Jars	79.93
	Remington Typewriter Co.	Letter paper	4.70
	Water Department D. C.	Water pipe	76.80
	Rudolph, West & Co.	Locks, etc.	7.89
	Washington Gas Light Co.	Gas	32.50
23	Whitall, Tatum Co.	Pipettes	39.60
	.....do.....	Air baths, etc.	48.79
	Henry Heil Chemical Co.	Crucibles	7.50
	The Torsion Balance Co.	Truss rewired .....	.30
	Queen & Co. (Incorporated)	Calcium chloride	4.50
25	Edward H. Jenkins	Traveling expenses	53.17
	W. D. Bigelow .....	.....do.....	58.82
30	Jas. A. Smith	Cablegrams	54.22
	J. K. Haywood et al.	Salaries	2,553.60
Dec. 1	M. Du Perow	Cut-outs .....	.72
	Geo. F. Muth & Co.	Kalsomine, etc.	3.55
	Z. D. Gilman	Tubing, etc.	139.17
	Potomac Electric Power Co.	Electric current	11.53
	.....do.....	Lamps	10.16
	Edw. S. Schmid	Rabbits and pigs	3.00
	The Smith Premier Typewriter Co.	Repairs	13.15
	Hugh Reilly	Brushes .....	.88
	Capital Traction Co.	Tickets	5.00
	James B. Lambie Co.	Wire gauge	3.56
	National Electrical Supply Co.	Card and tubing	4.07
	Thos. Somerville & Sons	Pipe, etc.	9.24
	The Geo. W. Knox Express Co.	Transportation .....	.78
	E. G. Schafer & Co.	Packing, etc.	3.95
	.....do.....	Plumber's supplies	7.37
	Densmore Typewriter Co.	Covers	2.00
2	Fred C. White	Cans	9.00
	.....do.....	.....do.....	9.00
	Eimer & Amend	Pipettes, etc.	23.70
	.....do.....	Watch glasses	15.54
	.....do.....	Lamps, etc.	15.00
	Bausch & Lomb Optical Co.	Incubator, etc.	15.99
	Edward Green	Capsules	1.00
	Capital Traction Co.	Tickets	5.00
	Woodward & Lothrop	Desk	21.63
	Delano & Moore	Photo supplies	6.33
	R. P. Clarke Co.	Toweling	25.00
	Dulin & Martin Co.	Sausage grinder	1.80
	Ernest Betz	Tubes	13.76
	Chas. H. Javins & Sons	Provisions	21.01
	J. S. Thompson	Milk and cream	24.88
	John C. Rau	Wire	1.15
	Engle Brothers Co.	Provisions	26.40
	Whitall, Tatum Co.	Glass rods	5.05
	.....do.....	Flasks	31.60
	Queen & Co. (Incorporated)	Ammonia, etc.	31.25
	Henry Heil Chemical Co.	Peptone .....	.75
	Wm. H. Dyer	Storm windows	12.00
	A. A. Winfield	Provisions	21.72
	.....do.....	Chickens	1.00
	Mackall Bros.	Chemicals, etc.	154.12
	Julius Wile Sons & Co.	Wines	12.17
	G. M. Mann	Meat	24.42
	Henry Lauts & Co.	Claret	1.34
	Fascal, Dubsdat & Co. ....	.....do.....	1.68
	Curtice Brothers Co.	Canned goods	13.23
	Allis-Chalmers Co.	Steel	2.22
	F. Hollander & Co.	Wine	3.66
	V. J. Brown & Sons	Olive oil	1.91
	The Mathy Co.	Boiler	9.00
	.....do.....	Iron stands	19.80
3	The Torsion Balance Co.	Repairs	1.80
	The American Distributing Co.	Alcohol	38.40
	The Burnet Co.	Batteries	3.30
4	Louis Smith	Hauling	1.00
	Wm. B. Alwood	Traveling expenses	18.90
	Wm. Frear .....	.....do.....	56.90
	Melville A. Scovell .....	.....do.....	77.45
	Henry A. Weber .....	.....do.....	68.50
	R. J. Davidson	Salary	77.42
	Edward H. Jenkins .....	.....do.....	45.00
	Wm. F. Frear .....	.....do.....	18.33

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 4	Wm. F. Frear.....	Salary.....	\$50.00
	Henry A. Weber.....	do.....	45.00
5	M. A. Scoville.....	do.....	45.00
	Walter R. Lewis.....	do.....	4.50
8	Wm. B. Alwood.....	do.....	50.00
10	H. W. Wiley.....	Expenses.....	11.17
14	Chas. H. Javins.....	Oysters, etc.....	18.72
	Auguste Sandoz.....	Bread.....	17.00
	Chas. W. Brown.....	Apples, etc.....	3.70
	Pechin & Johnson.....	Reporting.....	100.00
	The J. C. Ergood Co.....	Provisions.....	51.00
	do.....	do.....	27.03
	G. M. Mann.....	do.....	58.83
	Joel Gutman.....	Wine.....	3.00
	George E. Colby.....	Salary.....	30.00
	J. Harrison Johnson & Son.....	Rent.....	208.33
16	H. J. Patterson.....	Butter.....	10.80
17	Wm. B. Alwood.....	Traveling expenses.....	3.00
	Queen & Co. (Incorporated).....	Tubes.....	16.36
	Harris Comer.....	Pipettes.....	3.00
	Yawman & Erbe Manufacturing Co.....	Indexes.....	3.25
	Mallinckrodt Chemical Works.....	Chemicals.....	52.87
	do.....	do.....	14.45
	Emil Geiner.....	Balance.....	22.50
	H. Jaeger & Co.....	Wine.....	5.95
	Eimer & Amend.....	Tubing.....	10.60
	Slee & Eisenbrandt.....	Bronze.....	5.00
	Standard Oil Co.....	Gasoline.....	9.01
	do.....	do.....	8.67
	J. T. Walker Sons.....	Paint.....	1.50
	Joseph L. Crupper.....	Sawdust.....	.80
	W. B. Moses & Sons.....	Chair, etc.....	8.03
	Edward Green.....	Capsules.....	1.30
	Geo. T. Ennis.....	Casting.....	5.93
	Daremus Machine Co.....	Shafting.....	1.50
	J. K. Bishop.....	Photo supplies.....	2.47
	A. J. McKee & Co.....	Scalpel, etc.....	4.00
	H. C. Coburn.....	Butter, etc.....	6.00
	Bellvue Dairy Farm.....	Milk.....	18.75
	J. S. Thompson.....	do.....	17.72
	A. A. Winfield.....	Chickens.....	2.00
	do.....	Provisions.....	50.43
	Geo. F. Muth & Co.....	Bronze, etc.....	2.66
	E. G. Schafer & Co.....	Plumber's materials.....	11.17
	James B. Lambie Co. (Incorporated).....	Netting, etc.....	1.50
	Rudolph, West & Co.....	Hardware.....	1.62
	Fred. A. Schmidt.....	Sealing wax.....	.75
	Edgar J. Hulse.....	Copper.....	3.00
	Susan J. Beveridge.....	Rent.....	25.00
	do.....	do.....	25.00
19	Curtice Bros. Co.....	Canned goods.....	32.82
26	James P. Smith & Co.....	Beef extract.....	4.96
	J. E. Hurley.....	Smokestack.....	24.00
28	Eimer & Amend.....	Blocks.....	3.10
	Geo. W. Caswell Co.....	Food samples.....	1.23
	Schieffelin & Co.....	do.....	2.75
	J. K. Haywood.....	Expenses.....	11.70
	W. B. Moses & Sons.....	Chair.....	5.50
	Z. D. Gilman.....	Chemicals, etc.....	76.35
	do.....	do.....	38.75
29	F. W. Bolgiano & Co.....	Fertilizer.....	.75
31	J. K. Haywood et al.....	Salaries.....	2,687.65
	Total second quarter.....		12,915.24
1904.			
Jan. 2	F. G. Perkins.....	Salary.....	50.00
7	Wilbert Melville.....	Photographs.....	15.00
	George T. Ennis.....	Casting.....	6.25
	Thos. Somerville & Sons.....	Lampwick, etc.....	3.74
	Hugh Reilly.....	Paint.....	1.60
	Capital Traction Co.....	Tickets.....	5.00
	Woodward & Lothrop.....	Soap, etc.....	8.45
	John C. Parker.....	Paper.....	6.25
	Potomac Electric Power Co.....	Electric current.....	19.26
	Washington Gas Light Co.....	Gas.....	64.40
8	Z. D. Gilman.....	Blow bulbs, etc.....	30.69
	Woodruff Manufacturing Co.....	Cardcase.....	16.50
12	Chas. H. Javins & Sons.....	Chickens, etc.....	6.06
	H. C. Coburn.....	Butter and eggs.....	87.02

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 12	Susan J. Beveridge.....	Rent.....	\$25.00
14	Wm. B. Alwood.....	Salary.....	50.00
	George E. Colby.....	do.....	50.00
	Curtice Bros. Co.....	Canned goods.....	22.05
	G. M. Mann.....	Meat.....	56.24
	Eimer & Amend.....	Crucibles.....	10.50
	Mallinckrodt Chemical Works.....	Chemicals.....	8.00
	Queen & Co. (Incorporated).....	Bulbs.....	3.95
	R. J. Davidson.....	Salary.....	50.00
	The American Distributing Co.....	Alcohol.....	32.05
	Thompson & Leavitt.....	Wine.....	2.69
	Stephen L. Bartlett.....	Chocolate.....	.74
	William L. Strauss & Co.....	Wine.....	4.39
	Hansell & Luneschloss.....	do.....	7.53
	Chas. F. Schmidt & Peters.....	do.....	2.68
	Carl Zeiss.....	Repairs to objective.....	3.95
	The Hamilton Manufacturing Co.....	Unit of cabinet.....	12.00
	F. L. Lee.....	Expressage.....	4.80
	J. Bishop & Co.....	Wire.....	20.47
16	J. H. F. Hahn.....	Tubing.....	6.80
	Bausch & Lomb Optical Co.....	Dishes, etc.....	1.66
	Eimer & Amend.....	Sodium.....	15.75
	do.....	Chemicals.....	19.05
	John Lucas & Co.....	Cans.....	13.50
	Apfel-Murdoch Co.....	Slide boxes.....	1.00
	Henry Heil Chemical Co.....	Chemicals.....	8.40
	do.....	do.....	16.40
18	Pietro Cuneo.....	Cablegrams.....	21.26
	A. A. Winfield.....	Provisions.....	48.20
	Woodward & Lothrop.....	Soap.....	7.73
	Dulin & Martin Co.....	Crocks.....	3.00
	Hugh Reilly.....	Shellac.....	1.20
	Bellvue Dairy Farm.....	Milk and cream.....	30.45
	Auguste Sandoz.....	Bread.....	17.05
	Dinsmore & Singleton.....	Repairs to calorimeter.....	328.00
	Arthur H. Thomas Co.....	Beakers, etc.....	113.66
19	Emil Greiner.....	Flasks.....	146.40
	Chas. D. Stone & Co.....	Wine, etc.....	3.50
	W. H. Schimpferman Co.....	do.....	3.00
20	P. Pastene & Co.....	Oil.....	2.70
25	H. W. Wiley.....	Expenses.....	12.03
26	Curtice Bros. Co.....	Canned fruit.....	36.81
	Queen & Co. (Incorporated).....	Condensers.....	8.98
	Whitall, Tatum Co.....	Asbestos board.....	3.75
	do.....	Spatulas, etc.....	17.97
	Eimer & Amend.....	Jars, etc.....	24.50
	do.....	Acid.....	.83
	The J. L. Mott Iron Works.....	Strainers.....	3.00
	C. D. Stone & Co.....	Wine.....	2.70
	U. S. Mailing Case Co.....	Cases and bottles.....	8.16
	U. S. Envelope Co.....	Envelopes.....	17.56
	E. J. Lewis.....	Oxygen.....	10.00
	Henry Heil Chemical Co.....	Beakers.....	3.69
	Delano & Moore.....	Plates.....	1.95
	G. G. Cornwell & Son.....	Wine.....	1.54
	Berger Bros.....	Boiler.....	25.00
	J. E. Hurley.....	Repairing pump.....	5.00
	Chas. R. Edmonston.....	Tube, etc.....	1.25
	J. Harrison Johnson.....	Rent.....	131.53
27	Rudolph, West & Co.....	Wire nails.....	.26
	James B. Lambie Co.....	Screws, etc.....	4.32
	Barber & Ross.....	Buckets, etc.....	3.20
	Z. D. Gilman.....	Bunsen burners.....	65.86
	Geo. F. Muth & Co.....	Bronze.....	.60
	Potomac Electric Power Co.....	Electric current.....	22.64
	J. H. Thieriot.....	Cablegrams.....	6.60
29	Jos. Campbell Preserve Co.....	Canned soup.....	3.88
	Z. D. Gilman.....	Thermometers, etc.....	42.83
31	J. K. Haywood et al.....	Salaries.....	2,824.21
Feb. 3	Washington Gas Light Co.....	Gas.....	61.70
	Mackall Bros.....	Chemicals, etc.....	373.20
	M. Du Perow.....	Electric fittings.....	1.08
8	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	Pietro Cuneo.....	Cablegrams.....	12.45
9	H. W. Wiley.....	Expenses.....	28.63
	Lamb & Tilden.....	Stencils.....	3.30
	G. M. Mann.....	Provisions.....	47.10
	Auguste Sandoz.....	Bread.....	14.80
	D. Wm. Oyster.....	Butter.....	26.48

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 9	John B. Espey.....	Locks.....	\$17.75
	R. P. Clarke Co.....	Toweling.....	11.53
	Bellvue Dairy Farm.....	Milk and cream.....	32.28
	Susan J. Beveridge.....	Rent.....	25.00
	J. Harrison Johnson & Son.....	.....do.....	208.33
	Ernest Betz.....	Tubes for cans.....	10.50
	Barber & Ross.....	Grater, etc.....	1.40
11	Wm. B. Alwood.....	Salary.....	50.00
	George E. Colby.....	.....do.....	42.00
	R. J. Davidson.....	.....do.....	22.58
12	The Garden City Sand Co.....	Sand.....	6.40
23	The Randolph Paper Box Co.....	Boxes.....	13.00
	Menzel & Co.....	Ham.....	4.24
	Mallinckrodt Chemical Works.....	Chemicals.....	17.95
	Aug. Luchow.....	Caviar.....	13.75
	J. T. Silva Banking and Commercial Co.....	Beer.....	1.60
	Chas. D. Stone & Co.....	Oil and wine.....	2.93
	U. S. Mailing Case Co.....	Cases and bottles.....	8.16
	Henry Luchemann.....	Wine.....	2.75
	T. Lenzie & Co.....	Oil.....	.84
	Victor Lemke.....	Wine.....	2.25
	Francis H. Leggett & Co.....	Olive oil.....	2.60
	Lamanna, Azema & Farnan.....	Sauce.....	2.00
	Emil Greiner.....	Cylinders.....	26.94
	Paul Gelpi & Son.....	Wine.....	2.85
	.....do.....	.....do.....	.65
	Ad. Chr. Engelbrecht.....	.....do.....	2.02
	Eimer & Amend.....	Filter paper.....	11.25
	.....do.....	Sodium.....	15.55
	.....do.....	Brushes.....	2.72
	J. Bishop & Co.....	Wire.....	21.90
	The Baker & Adamson Chemical Co.....	Bromine.....	4.25
	Arbuckle Bros.....	Coffee.....	14.41
	The American Distributing Co.....	Alcohol.....	39.55
24	Potomac Electric Power Co.....	Electric current.....	20.62
	Geo. F. Muth & Co.....	Scale.....	1.80
	E. Morrison Paper Co.....	Labels.....	12.29
	Francis Miller.....	Oil and glass.....	4.28
	Mackall Bros.....	Ether, etc.....	288.42
	The Geo. W. Knox Express Co.....	Transportation.....	10.42
	Woodward & Lothrop.....	Soap.....	3.75
	A. A. Winfield.....	Provisions.....	48.42
	Washington Gas Light Co.....	Gas.....	33.10
	E. F. Vermillion.....	Inspecting boiler.....	5.00
	H. C. Coburn.....	Eggs.....	1.05
	Adams Express Co.....	Transportation.....	78.74
	Capital Traction Co.....	Tickets.....	5.00
	Church & Stephenson.....	Lumber.....	6.49
	Dullin & Martin Co.....	Saucepans.....	4.80
	.....do.....	Crocks.....	2.40
	Z. D. Gilman.....	Desiccators, etc.....	190.10
	Thos. Somerville & Sons.....	Pulley, siphon, etc.....	14.85
	Louis Hartig.....	Files.....	3.20
	E. G. Schafer & Co.....	Valves.....	.76
	Woodward & Lothrop.....	Soap.....	2.40
27	Western Union Telegraph Co.....	Telegraph service.....	10.57
29	J. K. Haywood et al.....	Salaries.....	2,787.20
Mar. 3	The Mathy Co (Incorporated).....	Copper pans.....	1.20
	Thos. Somerville & Sons.....	Supplies for machine room.....	6.60
	Rudolph, West & Co.....	Shovel.....	.88
	E. J. Lewis.....	Oxygen.....	10.00
	Delano & Moore.....	Glycerin, etc.....	1.63
	Harvard Laundry Co.....	Laundry.....	15.10
	J. E. Hurley.....	Repairing engine.....	45.50
	The Geo. W. Knox Express Co.....	Transportation.....	4.67
4	Eimer & Amend.....	Pipettes, etc.....	51.95
5	Julius Wile Sons & Co.....	Wine.....	2.40
	Yawman & Erbe Manufacturing Co.....	Perforator.....	1.50
	Carl Zeiss.....	Haemacytometer, etc.....	13.11
	Ridenour Baker Grocery Co.....	Canned goods.....	1.14
	The Standard Calorimeter Co.....	Sodium.....	9.25
	John Weisenburger.....	Wine.....	3.81
	Whitall, Tatum Co.....	Bottles.....	4.17
	.....do.....	Flasks, etc.....	76.35
7	H. W. Wiley.....	Expenses.....	22.92
10	Geo. E. Colby.....	Salary.....	70.00
	Wm. B. Alwood.....	.....do.....	50.00
11	H. W. Wiley.....	Traveling expenses.....	41.65
	Postal Telegraph-Cable Co.....	Telegraph service.....	3.69

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	U. S. Express Co.	Transportation.	\$83. 63
	Fred. A. Schmidt.	Cross-section paper.	96
16	Charles Caughy.	Cablegrams.	11. 84
17	A. A. Winfield.	Provisions.	24. 80
	J. Harrison Johnson & Sons.	Rent.	208. 33
	Susan J. Beveridge.	do.	25. 00
18	G. M. Mann.	Provisions.	69. 44
	The J. C. Ergood Co.	Groceries.	55. 72
	Chas. H. Javins & Sons.	Chickens, etc.	22. 75
	D. Wm. Oyster.	Butter and eggs.	44. 38
	Auguste Sandoz.	Bread.	22. 90
21	John Lucas & Co.	Cans.	2. 16
	A. C. Rowe.	Fire extinguishers.	48. 00
	Arthur H. Thomas Co.	Beakers.	73. 20
	Henry Vehslage.	Ham, etc.	6. 56
	J. K. Bishop.	Photo supplies.	2. 57
	Fred. C. White.	Alcohol cans.	9. 00
	J. Weber.	Caviar.	8. 00
	Julius Wile, Sons & Co.	Wine.	1. 87
	The Baker & Adamson Chemical Co.	Potassium.	13. 00
	J. C. Bernhardt's Sons.	Wine.	1. 41
	Wm. Albrecht.	do.	3. 40
	Emil Greiner.	Burettes.	17. 10
	Eimer & Amend.	Bottles.	12. 00
	Geo. W. Caswell Co.	Olive oil. ....	. 83
	Fraz Schmidt & Haensch.	Polariscope, etc.	99. 00
22	Rudolph, West & Co.	Rules. ....	. 90
	Potomac Electric Power Co.	Electric current.	21. 99
	Mackall Bros.	Chemicals.	127. 20
	E. J. Lewis.	Oxygen.	10. 00
	Harvard Laundry Co.	Washing towels. ....	. 12
	John B. Espey.	Locks, etc.	7. 98
	Delano & Moore.	Photo supplies.	4. 85
	Thos. Somerville & Sons.	Steam fittings, etc.	25. 17
	Woodward & Lothrop.	Can openers. ....	. 60
	Washington Gas Light Co.	Gas.	65. 10
	The Tolman Laundry.	Laundry work. ....	. 87
	E. G. Schafer & Co.	Pipe.	1. 15
24	Bellyue Dairy Farm.	Milk and cream.	33. 43
	C. A. Dannmann & Co.	Wine.	3. 00
	The German-American Provision Co.	Ham.	5. 94
	P. Pastene & Co.	Oil.	1. 60
	C. D. Stone & Co.	Oil, etc.	2. 93
26	W. D. Bigelow.	Expenses.	70. 18
	F. W. Bolgiano & Co.	Cart.	6. 75
	R. Carter Ballantyne.	Cases, etc.	19. 52
	Bausch & Lomb Optical Co.	Lancet, etc.	6. 23
	Barber & Ross.	Hasps, etc. ....	. 40
	Ernest Betz.	Tubes.	1. 68
	Capital Traction Co.	Tickets.	5. 00
	Leidy S. Depue.	Feed.	3. 72
	Eimer & Amend.	Crucibles.	11. 15
	do.	Glasses, etc.	11. 25
	do.	Flasks, etc.	21. 15
	Frostberg & Murray.	Repairing boiler.	22. 50
	Z. D. Gilman.	Tubing, etc.	75. 05
	Henry Heil Chemical Co.	Pencils.	2. 00
	do.	Cylinders.	62. 17
	The Geo. W. Knox Express Co.	Transportation.	2. 02
	Library Bureau.	Trays.	2. 00
	Mackall Bros.	Beakers, etc.	250. 07
	do.	Potash.	5. 70
	Mallinckrodt Chemical Works.	Chemicals.	18. 13
	do.	Sodium.	22. 00
	The J. L. Mott Iron Works.	Iron jacket.	11. 50
	The Mathy Co. (Incorporated).	Cans.	73. 00
	Potomac Electric Power Co.	Lamps.	5. 34
	Queen & Co (Incorporated).	Alcohol, etc.	12. 30
	Thos. Somerville & Sons.	Repairing, etc.	10. 05
	do.	Steam trap, etc.	13. 70
	E. G. Schafer & Co.	Unions.	1. 98
	U. S. Envelope Co.	Envelopes.	3. 43
29	F. P. Veitch.	Traveling expenses.	50. 73
31	J. K. Haywood et al.	Salaries.	3, 071. 10
	Total, third quarter.		14, 929. 41
April 6	H. W. Wiley.	Expenses.	29. 89
7	J. Harrison Johnson & Son.	Rent.	208. 33

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1904. April 9	Wm. B. Alwood.....	Salary.....	\$50.00
	Geo. E. Colby.....	do.....	85.00
	National Electric Supply Co.....	Sockets.....	3.60
	Joseph P. Smith.....	Basket.....	1.00
	G. M. Mann.....	Provisions.....	67.88
	James B. Lambie Co.....	Wire gauze.....	3.54
	R. P. Andrews & Co. (Incorporated).....	Cardboard.....	3.20
	Susan J. Beveridge.....	Rent.....	25.00
	R. P. Clarke Co.....	Toweling.....	12.50
	Brown Bros.....	Potatoes.....	2.30
	The Geo. W. Knox Express Co.....	Transportation.....	1.43
	Washington Gas Light Co.....	Gas.....	68.10
	Potomac Electric Power Co.....	Electric current.....	20.85
11	The Baker & Adamson Chemical Co.....	Acid.....	6.00
	Carey Machinery and Supply Co.....	Pulley.....	1.60
	Curtice Bros. Co.....	Canned goods.....	43.80
	Eimer & Amend.....	Chemicals.....	6.90
	do.....	do.....	6.80
	Charles Graef & Co.....	Wine.....	4.88
	Henry Heil Chemical Co.....	Beakers.....	50.70
12	Whitall, Tatum Co.....	Reagents.....	3.64
	Queen & Co. (Incorporated).....	Flasks.....	13.15
	Baker & Co. (Incorporated).....	Repairing.....	49.50
14	Chas. H. Javins & Sons.....	Oysters.....	4.50
	The Tolman Laundry.....	Laundry.....	2.70
	Auguste Sandoz.....	Bread.....	18.70
	D. Wm. Oyster.....	Butter, etc.....	29.55
15	Edw. J. Crowley.....	Salary.....	10.50
18	A. A. Winfield.....	Provisions.....	43.82
	Postal Telegraph-Cable Co.....	Telegraph service.....	1.59
	Brown Bros.....	Potatoes.....	4.00
19	Eastern Drug Co.....	Oil and wine.....	3.52
	Curtice Bros. Co.....	Canned goods.....	16.47
22	Queen & Co. (Incorporated).....	Paraffin, etc.....	10.18
	Merck & Co.....	Scales, etc.....	7.54
	J. W. Schaefer.....	Caviar.....	8.00
	W. A. Taylor & Co.....	Wine.....	.84
	Drake Bros. Co.....	Oil.....	2.20
	Eimer & Amend.....	Tubing, etc.....	33.55
	do.....	Watch glasses.....	10.70
	E. C. Hazard.....	Oil.....	1.85
25	American Writing Machine Co.....	Paper.....	23.75
	Dulin & Martin Co.....	Crocks.....	3.00
	do.....	Chopper, etc.....	2.30
	Delano & Moore.....	Photo supplies.....	10.19
	Standard Oil Co.....	Gasoline.....	9.27
28	W. B. Moses & Sons.....	Flm stools.....	1.80
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
29	Levi Ottenheimer.....	Bottles.....	9.11
	Henry Heil Chemical Co.....	Chemical.....	.82
	Arbuckle Bros.....	Coffee.....	10.00
30	Edw. J. Crowley.....	Salary.....	13.50
	J. K. Haywood et al.....	Salaries.....	3,119.96
May 4	Emil Greiner.....	Rubber stoppers.....	60.00
	Kildall Fish Co.....	Fishballs, etc.....	3.75
	Whitall, Tatum Co.....	Vials.....	5.72
	J. C. Bernhardt's Sons.....	Boxing bottles.....	2.00
	John Miller & Co.....	do.....	2.58
	The Standard Calorimeter Co.....	Sodium.....	9.25
	Queen & Co. (Incorporated).....	Chemical.....	30.00
	Mallinckrodt Chemical Works.....	do.....	15.96
	Midget Novelty Co.....	Stapling machine, etc.....	4.25
	Eimer & Amend.....	Chemicals.....	15.25
	do.....	Pipette, etc.....	8.50
	Kolesch & Co.....	Slide rule.....	20.00
6	Wm. L. Dunham.....	Repairing machine.....	15.00
	D. Frank Parker.....	Carbon paper, etc.....	2.80
	National Electric Supply Co.....	Soldering iron.....	7.20
	do.....	Silk cord.....	1.87
	Francis Miller.....	Glass.....	1.85
	Remington Typewriter Co.....	Typewriter, etc.....	96.95
	The Baker & Adamson Chemical Co.....	Potassium.....	12.00
	J. Harrison Johnson & Son.....	Rent.....	208.33
7	Thos. Chick.....	Salary.....	49.50
11	Wm. B. Alwood.....	do.....	50.00
	H. W. Wiley.....	Expenses.....	28.51
12	Paul Gelpi & Son.....	Wine.....	2.39
	J. Baumgarten & Son.....	Type.....	.35
	F. P. May & Co.....	Traps.....	2.76
	S. Kann, Sons & Co.....	Toweling.....	9.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 12	Mrs. A. A. Winfield.....	Bon Ami.....	\$2.00
	Susan J. Beveridge.....	Rent.....	25.00
13	Thos. Somerville & Son.....	Clamps, etc.....	25.90
	Rex Sanitary Appliance Co.....	Disinfectors.....	8.00
	Z. D. Gilman.....	Chemicals, etc.....	134.76
	Western Union Telegraph Co.....	Telegraph service.....	8.70
	Woodward & Lothrop.....	Chairs, etc.....	22.14
	E. J. Lewis.....	Oxygen.....	10.00
	The Geo. W. Knox Express Co.....	Transportation.....	2.79
	Blue Line Transfer Co.....	do.....	.40
	do.....	do.....	3.77
	Barber & Ross.....	Bucket.....	1.79
	Capital Traction Co.....	Tickets.....	5.00
	James B. Lambie Co. (Incorporated).....	Cotton waste, etc.....	15.11
	American Writing Machine Co.....	Bond paper.....	23.75
	Rudolph, West & Co.....	Brushes, etc.....	3.54
14	E. J. Crowley.....	Services.....	18.00
16	Wm. A. Prickett.....	Cablegram.....	1.96
	George E. Colby.....	Salary.....	40.00
17	Edw. J. Crowley.....	do.....	3.00
18	Smith, Kline & French Co.....	Opium.....	18.50
	Geo. D. Feidt & Co.....	Chemicals.....	40.98
	do.....	do.....	10.20
	Bellvue Dairy Farm.....	Milk and cream.....	64.70
	A. A. Winfield.....	Provisions.....	61.05
	D. Wm. Oyster.....	do.....	30.55
	Auguste Sandoz.....	Bread.....	17.15
	G. M. Mann.....	Meat.....	61.29
19	Eimer & Amend.....	Chemicals, etc.....	17.90
	The Tolman Laundry.....	Laundry work.....	3.71
	Z. D. Gilman.....	Dishes, etc.....	49.24
	Thos. Somerville & Sons.....	Copper tubing, etc.....	16.29
	do.....	Packing.....	5.16
	Alex Schmid.....	Boxes.....	2.50
	The American Distributing Co. (A. I. Web- ber & Sons, Br.).....	Alcohol.....	38.50
20	do.....	Cans.....	39.07
	Queen & Co. (Incorporated).....	Chemicals.....	5.85
	Eimer & Amend.....	Flasks.....	19.30
	Library Bureau.....	Cards.....	28.85
	Philip G. Affleck.....	Liquozone.....	1.00
	Hugh Reilly.....	Asphaltum.....	1.60
	Francis Miller.....	Glass.....	1.07
	The Smith Premier Typewriter Co.....	Typewriter.....	87.75
	Woodward & Lothrop.....	Cotton, soap, etc.....	11.23
	Rudolph, West & Co.....	Pliers, etc.....	1.20
	Church & Stephenson.....	Lumber.....	7.15
	Pascal, Dubedat & Co.....	Wine.....	1.03
	Weis Bros.....	do.....	2.73
	The Holtz & Freystedt Co.....	Ham, etc.....	9.55
	Valerio Dalle Luche.....	Oil.....	1.25
24	Fred. A. Schmidt.....	Drawing paper.....	7.65
	Mackall Bros.....	Alcohol, etc.....	131.13
	The Torsion Balance Co.....	Repairs to balance.....	.30
	Queen & Co. (Incorporated).....	Chemicals, etc.....	15.81
	Emil Greiner.....	Crucible holders.....	10.44
	Capital Traction Co.....	Tickets.....	5.00
26	Washington Gas Light Co.....	Gas.....	50.60
	E. G. Schafer & Co.....	Tin pipe.....	10.00
	Thos. Somerville & Sons.....	Pipes, etc.....	1.24
	Potomac Electric Power Co.....	Electric current.....	12.51
	National Electric Supply Co.....	Reflectors, etc.....	6.30
27	H. W. Wiley.....	Traveling expenses.....	17.25
	do.....	do.....	49.20
31	Arthur Given.....	Expenses.....	24.40
	Jno. K. Haywood et al.....	Salaries.....	3,156.19
June 1	H. A. Weber.....	Salary.....	45.00
	do.....	Traveling expenses.....	79.60
	Edward H. Jenkins.....	do.....	30.70
	do.....	Salary.....	35.00
3	Eimer & Amend.....	Bottles, etc.....	7.05
	Dulin & Martin Co.....	Sauce pan.....	.81
	Densmore Typewriter Co.....	Repairs.....	.80
	D. H. Burrell & Co.....	Milk tester.....	21.00
	Brown Bros.....	Potatoes.....	4.00
	The American Distributing Co.....	Alcohol.....	39.35
	Adams Express Co.....	Transportation.....	230.87
	W. B. Moses & Sons.....	Stools and table.....	13.64
	S. C. Herbert Importing Co.....	Wine.....	2.92
	Henry Hell Chemical Co.....	Chemicals, etc.....	4.65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 3	Henry Heil Chemical Co.	Chemicals, etc	\$8.60
	Mary E. Parker, executrix	Paper	6.25
	National Electric Supply Co.	Fan	26.50
	do.	do.	10.50
	U. S. Express Co.	Transportation	94.59
	Joseph P. Smith	Jelly	1.70
	Thos. Somerville & Sons	Fittings	2.66
4	Wickline & Campbell	Building skylight, etc	33.50
6	H. W. Wiley	Expenses	26.75
	Thomas Chick	Salary	51.00
	W. D. Bigelow	Expenses	29.74
	The Tolman Laundry	Laundry work	3.06
	Mallinckrodt Chemical Works	Chemicals	4.00
	do.	do.	10.81
	Queen & Co. (Incorporated)	Condensers	14.93
	do.	Bulbs	7.90
	D. Wm. Oyster	Butter and eggs	39.02
	Renauld & Niederstadt	Wine	7.52
	Alex Schmid	Boxes	2.25
	E. G. Schafer & Co.	Caps	1.22
8	Albert Parsons	Salary	50.00
	M. A. Scovell	do.	45.00
	Wm. B. Alwood	do.	50.00
	M. A. Scovell	Traveling expenses	84.35
11	F. B. Gardner	Expenses	1.35
	William Frear	Traveling expenses	65.50
	Geo. E. Colby	Salary	20.00
	G. M. Mann	Meat	59.96
20	J. Harrison Johnson & Son	Rent	208.33
	Church & Stephenson	Lumber	28.55
	Z. D. Gilman	Acid, etc	51.60
	J. H. Bunnell & Co.	Batteries	4.80
	Brown Bros.	Potatoes	4.00
	Mackall Bros	Chemicals	203.69
	National Electric Supply Co.	Fan blade	1.50
	do.	Starter	3.50
	do.	Repairs to motor	2.00
	Rudolph, West & Co.	Taps and dies	3.25
	do.	do.	4.58
	Potomac Electric Power Co.	Electric current	8.40
	W. B. Moses & Sons	Chair	9.00
	Mackall Bros	Chemicals	217.77
	Geo. F. Muth	Lead and oil	1.55
	do.	Fitches	1.12
	G. G. Cornwell & Son	Provisions	24.00
	A. Chichizola	Oil	.80
	D. Canale & Co.	Wine	2.95
	Chapin & Gore	do.	1.42
	Jos. Campbell Preserve Co.	Soup	10.80
	John Eppler	Vinegar generator, etc.	9.50
	Chas. R. Edmonston	Buckets	1.20
	M. DuPerow	Bell	.65
	Adams Express Co.	Transportation	97.77
	Philip G. Affleck	Orangeine	.50
	Barber & Ross	Hasps, etc	1.00
	Bausch & Lomb Optical Co.	Bulbs	.55
	Bellvue Dairy Farm	Milk and cream	28.28
	James B. Lambie	Hooks, etc	.45
	The Geo. W. Knox Express Co.	Transportation	3.10
	Henry Heil Chemical Co.	Chemicals	4.59
	do.	do.	5.45
	O. G. Hempstead & Son	Wine	1.44
	Edward Hinkle Co.	Brandy	1.17
	Frank C. Henry	Orangeine	.50
	M. F. Hobson	Papering	18.50
	Emil Greiner	Rubber stoppers	18.75
	Mallinckrodt Chemical Works	Chemicals	14.15
	do.	do.	8.01
	Menzel & Co.	Ham	4.00
	Mullenhoff & Korber	Wine	3.19
	Meyer & Lange	Ham	5.40
	National Mortar Co.	Cement	2.10
	A. Porges	Wines	6.54
	Queen & Co. (Incorporated)	Alcohol squibbs	2.64
	Standard Oil Co.	Oil	11.67
	Fred. A. Schmidt	Mat board	1.00
	E. G. Schafer & Co.	Lead	3.69
	do.	Tank	3.70
	Chas. F. Schmidt & Peters	Wines	7.55
	Auguste Sandoz	Bread	16.45

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 20	B. F. Starr & Co.	Bolting cloth.	\$8.63
	Western Union Telegraph Co.	Telegraph service.	26
	Washington Gas Light Co.	Gas.	63.70
	Woodward & Lothrop.	Carpet.	10.72
	do.	Shades, etc.	11.50
	do.	Couch.	39.00
	do.	Desks, etc.	81.05
	The American Distributing Co.	Alcohol.	39.21
	A. A. Winfield.	Provisions.	47.25
	A. van Branchie.	Oil. ....	.75
	Henry Vehslage.	Sausages. ....	.90
	J. M. Vergnole.	Wines.	5.50
	W. A. Taylor.	Oil.	2.29
	Thos. Somerville & Sons.	Pulley.	1.50
	do.	Supplies for machine room.	24.41
	Thompson & Leavitt.	Wines.	10.36
	Arthur H. Thomas Co.	Scale.	1.50
21	H. W. Wiley.	Traveling expenses.	28.10
25	Susan J. Beveridge.	Rent.	25.00
29	A. Giovanni & Co.	Cognac.	2.00
	Blue Line Transfer Co.	Transportation.	2.21
	Francis Miller.	Glass.	6.02
	David Leverone.	Oil.	1.00
	The Geo. W. Knox Express Co.	Transportation.	1.28
	James de Fremery & Co.	Wine.	5.28
	Berkeley Co.	do.	1.80
	Julius Wile Sons & Co.	Wines.	3.39
	do.	do.	1.79
	Polarios & Co.	Oil.	2.00
	Mackall Bros.	Apparatus.	37.49
	La Manna, Azema & Farnan.	Wine.	2.15
	The Holtz & Freystedt Co.	do.	1.38
	do.	do.	1.54
	O. G. Hemstead & al.	do.	1.80
30	Jno. K. Haywood et al.	Salaries.	3,180.60
	Total fourth quarter.		15,365.02
	<i>Supplemental.</i>		
July 5	Geo. E. Patrick.	Expenses.	9.95
14	Wm. B. Alwood.	Services.	50.00
	Geo. E. Colby.	do.	30.00
	Wm. Frear.	do.	126.67
	H. W. Wiley.	Expenses.	41.78
	Bellvue Dairy Farm.	Milk and cream.	20.83
	G. M. Mann.	Meat.	34.61
	A. A. Winfield.	Vegetables, etc.	53.10
	Auguste Sandoz.	Bread.	12.15
	The Tolman Laundry.	Laundering towels.	2.63
	S. J. Beveridge.	Rent of building.	25.00
	J. H. Johnson & Son.	do.	208.33
18	Chas. M. Caughy.	Olive oil.	26.48
	Z. D. Gilman.	Orangeine. ....	.50
	Potomac Electric Power Co.	Electric current.	3.04
	Washington Gas Light Co.	Gas.	51.00
19	Thompson & Leavitt.	Samples.	1.44
	Joseph Brolli.	Olive oil.	1.65
	Chapin & Gore (Incorporated).	Claret.	1.26
	R. A. Delapenha & Co.	Cherries.	1.24
	Geo. D. Feidt & Co.	Chemicals. ....	.65
	Paul Gelpi & Sons.	Samples.	8.77
	do.	do.	5.25
	Goldberg, Bowen & Co.	do.	30.25
	Henry Heil Chemical Co.	Beakers.	3.48
	Mallinckrodt Chemical Works.	Chemicals.	25.79
	W. A. Taylor & Co.	Samples.	1.35
20	The J. C. Ergood Co.	Sugar, etc.	37.73
	The Geo. W. Knox Express Co.	Drayage. ....	.97
	Rex Sanitary Appliance Co.	Disinfecter.	4.80
	Rudolph, West & Co.	Keys.	1.50
26	D. Wm. Oyster.	Eggs and butter.	23.63
Aug. 3	The Chesapeake and Potomac Telephone Co.	Telephone service.	6.25
	D. F. Parker.	Gummed paper.	1.80
	Woodward & Lothrop.	Soap.	10.13
	The Tolman Laundry.	Washing towels. ....	.30
16	Western Union Telegraph Co.	Telegraph service.	1.14
17	J. E. Cassidy & Son.	Claret.	1.10
	Bemis-Richelieu Improvement Co.	Brandy.	1.58
	The Geo. W. Knox Express Co.	Transportation. ....	.62

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABORATORY—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Aug. 17	Jas. B. Lambie Co. (Incorporated).....	Belting, etc.....	\$6.70
	Mackall Bros.....	Chemicals.....	35.95
	Geo. F. Muth & Co.....	Paint, etc.....	6.78
18	John Fennell.....	Samples for analysis.....	1.10
	do.....	do.....	1.44
	Chas. Graef & Co.....	do.....	1.20
	John T. Heimboeckel & Son.....	do.....	2.30
	R. F. Lang.....	do.....	1.60
	Eimer & Amend.....	Flasks.....	24.00
	Arthur H. Thomas Co.....	Beakers, etc.....	104.94
	George A. Paturel.....	Samples for analysis.....	5.05
	E. C. Villere & De Blanc.....	do.....	4.54
	Wickline & Campbell.....	Repairing screen doors.....	4.00
	Wood, Pollard & Co.....	Wine.....	1.03
	Rothchild Bros.....	do.....	2.00
	R. L. Rose Co.....	do.....	2.57
	M. A. Graser Rothe.....	do.....	5.33
27	Barber & Ross.....	Pans.....	1.20
	G. S. Nicholas.....	Samples for analysis.....	1.77
	do.....	do.....	3.14
	do.....	do.....	3.19
	do.....	do.....	5.06
	do.....	do.....	5.80
	do.....	do.....	10.88
	do.....	do.....	5.09
	do.....	do.....	1.97
29	W. Bixby & Co.....	do.....	3.15
	Grommes & Ulrich.....	Wine.....	2.90
Sept. 13	Hanselt & Lumschloss.....	Oil.....	2.44
14	Queen & Co. (Incorporated).....	Chemicals.....	16.40
	United States Express Co.....	Transportation.....	16.80
	do.....	do.....	28.30
20	Henry Heß Chemical Co.....	Chemicals.....	.50
	Mallinckrodt Chemical Works.....	do.....	3.00
	do.....	do.....	2.00
	Adams Express Co.....	Transportation.....	235.20
	Moos & Co.....	Samples for analysis.....	4.64
	The J. L. Mott Iron Works.....	Sinks.....	9.00
	Library Bureau.....	Sections, etc.....	6.20
	Hensel, Bruckmann & Lorbacker.....	Freight.....	8.00
22	W. B. Roddenbery.....	Expenses.....	55.34
	Geo. R. Youmans.....	do.....	15.84
24	Bishop Art Co.....	Discs.....	1.96
	Total.....		1,529.05

RECAPITULATION.

First quarter.....	\$10,255.37
Second quarter.....	12,915.24
Third quarter.....	14,929.41
Fourth quarter.....	15,365.02
Supplemental.....	1,529.05
Total.....	54,994.09

PAID BY U. S. TREASURY.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 19	Jas. Johnson.....	Catlegrams.....	\$33.06

TABLE SIRUP.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 14	D. G. Purse.....	Salary.....	\$100.00
	do.....	Traveling expenses.....	14.70
	Ernest Betz.....	Iron cylinder.....	2.50
26	Samuel Fiske.....	License and permit.....	1.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

TABLE SIRUP—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 3	D. G. Purse.....	Traveling expenses.....	\$11.40
9	do.....	Salary.....	100.00
11	do.....	Traveling expenses.....	29.15
11	Keuffel & Esser Co.....	Scale.....	1.00
28	O. P. Angelo.....	Traveling expenses.....	31.20
	Total first quarter.....		290.95
Oct. 6	O. P. Angelo.....	Salary.....	97.80
	D. G. Purse.....	do.....	100.00
10	Z. D. Gilman.....	Weights.....	13.22
	James B. Lambie Co.....	Wire cloth.....	.60
12	National Electrical Supply Co.....	Glass cells.....	7.50
16	William Thomas Phelps.....	Labor.....	25.33
19	O. P. Angelo.....	Expenses.....	51.15
	D. G. Purse.....	Traveling expenses.....	18.90
21	H. W. Wiley.....	Expenses.....	29.70
23	Jas. T. Wells.....	Packing and shipping apparatus.....	25.00
	Waycross Plumbing Co.....	Pipe.....	120.85
31	Washington Southern Rwy. Co.....	Passenger transportation.....	20.40
	Atlantic Coast Line R. R. Co.....	do.....	5.80
	Arthur Given.....	Salary.....	84.20
Nov. 3	H. W. Wiley.....	Expenses.....	10.00
5	D. G. Purse.....	Salary.....	100.00
	do.....	Traveling expenses.....	15.30
	O. P. Angelo.....	Expenses.....	35.31
6	Thomas Chick.....	do.....	22.50
9	H. W. Wiley.....	do.....	150.31
	Arthur Given.....	Traveling expenses.....	33.00
	Wm. Thomas Phelps.....	Salary.....	40.00
16	O. P. Angelo.....	do.....	101.10
	W. B. Roddenbery.....	do.....	200.00
30	Arthur Given.....	do.....	81.60
Dec. 1	The Geo. W. Knox Express Co.....	Transportation.....	3.13
2	O. P. Angelo.....	Salary.....	97.80
	do.....	Expenses.....	31.75
	do.....	Traveling expenses.....	9.75
4	D. G. Purse.....	Salary.....	65.00
8	Wm. Thomas Phelps.....	do.....	40.00
	Savannah Contracting Co.....	Cypress strainer.....	49.50
	do.....	Cypress filters.....	48.00
	do.....	Lumber.....	48.00
	do.....	Iron plates, etc.....	33.00
12	Arthur Given.....	Traveling expenses.....	44.00
	The J. H. Gillon Machine Co.....	Fittings.....	43.15
	Georgia Supply Co.....	do.....	26.12
	J. S. Schofield Sons Co.....	Boiler and fittings.....	1,153.25
	Thomas Chick.....	Expenses.....	32.00
18	Washington Southern Rwy. Co.....	Passenger transportation.....	40.80
	The Pullman Co.....	do.....	4.50
31	Arthur Given.....	Salary.....	84.24
	Total second quarter.....		3,243.52
1904.			
Jan. 6	H. W. Wiley.....	Traveling expenses.....	28.38
14	D. G. Purse.....	Salary.....	75.00
	Watt-Harley Hardware Co.....	Hardware, etc.....	47.04
	Hartfelder-Garbatt Co.....	Pump.....	38.42
	S. T. Wright.....	Transportation.....	39.09
	Georgia Supply Co.....	Pump, etc.....	39.38
	do.....	Reducing valve.....	30.70
	Wm. Thomas Phelps.....	Salary.....	40.00
15	Thomas Chick.....	Expenses.....	7.00
	do.....	do.....	33.00
	do.....	Traveling expenses.....	4.50
16	H. W. Wiley.....	Expenses.....	448.23
21	Arthur Given.....	Traveling expenses.....	53.84
	do.....	Salary.....	85.20
Feb. 11	Wm. Thomas Phelps.....	do.....	40.00
18	The Pullman Co.....	Passenger transportation.....	13.50
	Atlantic Coast Line R. R. Co.....	do.....	20.40
29	Arthur Given.....	Salary.....	79.60
Mar. 3	The Geo. W. Knox Express Co.....	Transportation.....	6.14
10	William T. Phelps.....	Salary.....	40.00
	W. B. Roddenbery.....	do.....	100.00
31	Arthur Given.....	do.....	85.20
	Total third quarter.....		1,354.62

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

TABLE SIRUP—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 9	William T. Phelps.....	Salary.....	\$40.00
20	Seaboard Air Line Rwy.....	Passenger transportation.....	17.50
	Atlantic Coast Line R. R. Co.....	.....do.....	20.40
	The Pullman Co.....	.....do.....	4.50
June 1	W. B. Roddenbery.....	Traveling expenses.....	8.05
29	The Bank of Waycross.....	Land rent.....	1.00
	Total fourth quarter.....		91.48

RECAPITULATION.

First quarter.....	\$290.95
Second quarter.....	3,243.52
Third quarter.....	1,354.62
Fourth quarter.....	91.48
Total.....	4,980.57

TABLE SIRUP, 1903-4.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	G. L. Spencer et al.....	Salaries.....	\$252.70
Aug. 31	.....do.....	.....do.....	252.70
Sept. 9	Christian Becker.....	Balance.....	110.00
30	G. L. Spencer et al.....	Salaries.....	163.12
	Total first quarter.....		778.52
Oct. 9	Savannah Contracting Co.....	Excavating.....	467.00
	.....do.....	Additions to factory.....	287.00
	.....do.....	Raising roof.....	25.00
10	.....do.....	Mill building.....	1,476.78
23	The Blymyer Iron Works Co.....	Machinery.....	2,470.00
24	Savannah Contracting Co.....	Erecting mill.....	290.00
	C. H. Serrin.....	Patterns for furnace door, etc.....	25.00
	Edwin B. Stimpson & Son.....	Brass.....	19.00
Dec: 1	Thos. Somerville & Sons.....	Packing, etc.....	8.46
2	Savannah Contracting Co.....	Erecting boiler, etc.....	1,748.00
14	Fred J. White.....	Furnace door, etc.....	75.00
	A. & P. Roberts Co.....	Angles.....	36.53
	Total second quarter.....		6,927.77
1904.			
Jan. 6	H. W. Wiley.....	Expenses.....	60.25
8	James H. McGill.....	Steel beams.....	24.45
14	J. H. Edwards.....	Tank.....	32.00
	The Geo. L. Squier Manufacturing Co.....	Chail.....	39.00
	J. H. Edwards.....	Tanks, etc.....	265.00
	The Geo. L. Squier Manufacturing Co.....	Conductor.....	288.00
	Georgia Supply Co.....	Pipe, etc.....	435.00
	Joseph Oat & Sons.....	Evaporator.....	\$55.00
25	The Link-Belt Engineering Co.....	Bagasse feeder.....	57.50
26	The J. L. Mott Iron Works.....	Grease interceptor.....	14.00
	Total third quarter.....		2,110.20
Apr. 30	Arthur Given.....	Salary.....	82.40
	Total fourth quarter.....		82.40

RECAPITULATION.

First quarter.....	\$778.52
Second quarter.....	6,927.77
Third quarter.....	2,110.20
Fourth quarter.....	82.40
Total.....	9,898.89

Expenditures of the department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 13	F. K. Cameron.....	Traveling expenses.....	\$7.00
29	C. W. Dorsey.....	do.....	78.86
	Church & Stephenson.....	Lumber.....	26.56
	National Electric Supply Co.....	Desk fans.....	34.00
	do.....	Electric supplies.....	3.07
30	The Chicago Laboratory Supply and Scale Co.....	Supports.....	1.50
31	F. H. King et al.....	Salaries.....	2,365.87
Aug. 1	G. T. McNess.....	Salary.....	252.70
	T. H. Means.....	do.....	210.60
	L. H. Shelfer.....	do.....	168.50
	G. B. Massey.....	do.....	151.60
	W. M. Hinson.....	do.....	151.60
	M. H. Lapham.....	do.....	134.80
	C. A. Jensen.....	do.....	134.80
	J. B. Stewart.....	do.....	126.40
	W. W. Coby.....	do.....	126.40
	J. E. Lapham.....	do.....	117.90
	E. O. Fippin.....	do.....	117.90
	F. W. Taylor.....	do.....	101.10
	F. E. Bonsteel.....	do.....	101.10
	T. A. Cairne.....	do.....	101.10
	R. T. Ayon Burke.....	do.....	101.10
	W. E. Hearn.....	do.....	101.10
	W. H. Knox.....	do.....	101.10
	A. W. Mangum.....	do.....	101.10
	J. O. Martin.....	do.....	101.10
	H. W. Marian.....	do.....	101.10
	E. H. Mathewson.....	do.....	101.10
	T. D. Rice.....	do.....	101.10
	A. H. Prince.....	do.....	101.10
	A. M. Sanchez.....	do.....	101.10
	H. J. Wilder.....	do.....	101.10
	Henry Weinberg.....	do.....	101.10
	J. O. Belz.....	do.....	101.10
	L. W. Ayer.....	do.....	84.20
	O. L. Ayrs.....	do.....	84.20
	H. H. Bennett.....	do.....	84.20
	J. L. Burgess.....	do.....	84.20
	W. T. Carter, jr.....	do.....	84.20
	M. E. Carr.....	do.....	84.20
	E. P. Carr.....	do.....	84.20
	C. W. Ely.....	do.....	84.20
	W. J. Geib.....	do.....	84.20
	Louis Griswold.....	do.....	84.20
	A. M. Griffen.....	do.....	84.20
	J. C. Hogenson.....	do.....	84.20
	A. E. Kocher.....	do.....	84.20
	W. W. Mackie.....	do.....	84.20
	W. E. McLendon.....	do.....	84.20
	W. C. Palmer.....	do.....	84.20
	N. P. Neill.....	do.....	84.20
	F. N. Meeker.....	do.....	84.20
	La Mott Ruhlen.....	do.....	84.20
	A. S. Root.....	do.....	84.20
	A. T. Strahorn.....	do.....	84.20
	J. W. Nelson.....	do.....	84.20
	A. H. Snyder.....	do.....	84.20
	J. A. Drake.....	do.....	70.80
	Harry Rich.....	do.....	70.80
	A. T. Sweet.....	do.....	70.80
	F. R. Reid.....	do.....	70.80
	J. C. Bridwell.....	do.....	70.00
	F. R. Pember.....	do.....	60.60
	J. F. Warner.....	do.....	60.60
	F. D. Stevens.....	do.....	60.60
	F. C. Schroeder.....	do.....	60.60
	W. S. Lyman.....	do.....	60.60
	L. C. Holmes.....	do.....	60.60
	H. L. Belden.....	do.....	60.60
	H. A. Clark.....	do.....	50.00
	C. J. Mann.....	do.....	50.00
	W. J. Wood.....	do.....	50.00
	J. L. Gill.....	do.....	40.00
	Rudolph Boss.....	do.....	25.00
4	G. T. McNess.....	Traveling expenses.....	26.66
	R. D. Brown.....	Salary.....	18.00
	G. N. Saegmuller.....	Repairs to clock.....	5.50
5	G. B. Jones.....	Salary.....	84.20
	J. A. Bonsteel.....	Traveling expenses.....	164.39
	F. E. Bonstell.....	do.....	133.46

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 5	H. W. Marean.....	Traveling expenses.....	\$145.22
	E. O. Fippin.....	do.....	144.73
	H. J. Wilder.....	do.....	136.88
	J. C. Bridwell.....	do.....	27.25
7	Standard Oil Co.....	Oil and cans.....	3.50
	R. C. M. Burton & Son.....	Awnings.....	22.26
	W. M. Whyte.....	Iron boxes.....	2.50
8	A. H. Snyder.....	Traveling expenses.....	9.25
	J. O. Belz.....	do.....	18.26
10	G. N. Coffey.....	do.....	203.89
	W. E. Hearn.....	do.....	174.69
	A. M. Sanchez.....	do.....	177.60
	L. H. Shelfer.....	do.....	157.15
	J. G. Holmes.....	do.....	147.85
	A. W. Mangum.....	do.....	146.51
	J. O. Martin.....	do.....	130.45
	C. A. Jensen.....	do.....	115.70
	W. G. Smith.....	do.....	114.75
	T. D. Rice.....	do.....	112.85
	W. M. Hinson.....	do.....	78.99
	J. B. Stewart.....	do.....	72.12
	T. H. Means.....	do.....	68.67
	G. B. Massey.....	do.....	43.80
	W. W. Cobey.....	do.....	36.84
	J. C. Hogenson.....	do.....	15.28
	W. C. Palmer.....	do.....	2.75
	do.....	Expenses.....	26.28
	F. D. Stevens.....	do.....	15.16
	J. W. Nelson.....	do.....	16.96
	do.....	Traveling expenses.....	7.40
12	Thos. Somerville & Sons.....	Tutting.....	8.66
	Hutchinson & McCarthy.....	Apparatus.....	8.00
	E. G. Schafer & Co.....	Valves, etc.....	6.70
	Harvard Laundry Co.....	Laundering towels.....	3.48
14	R. T. Avon Burke.....	Traveling expenses.....	48.75
	M. H. Lapham.....	do.....	137.45
	E. J. Pullman.....	Glass.....	6.00
15	Z. D. Gilman.....	Crucibles, etc.....	4.35
	National Electrical Supply Co.....	Wire.....	2.78
	Thos. Somerville & Sons.....	Tutting.....	10.07
	Fred. A. Schmidt.....	Drawing paper.....	4.15
	do.....	Pencils.....	12.60
	Francis Miller.....	Glass.....	1.24
	W. B. Moses & Sons.....	Desk, etc.....	13.63
	James B. Lambie.....	Cotton waste.....	1.94
	Warren M. Whyte.....	Ventilator.....	15.00
	Delano & Moore.....	Solio paper.....	11.22
17	W. S. Lyman.....	Traveling expenses.....	10.38
	Mallinckrodt Chemical Works.....	1 pound of potassium iodide.....	2.20
	Eimer & Amend.....	Clamps.....	7.60
	Morristown Covering Co.....	Asbestos covering.....	12.47
	Queen & Co. (Incorporated).....	Dishes.....	5.40
	W. & L. E. Gurley.....	Wire.....	1.00
	do.....	Compasses.....	45.90
19	W. H. Helleman.....	Traveling expenses.....	62.58
	do.....	Expenses.....	63.01
	Thomas A. Caine.....	Traveling expenses.....	127.00
	J. E. Lapham.....	do.....	169.57
	J. A. Drake.....	do.....	160.39
	N. P. Neill.....	do.....	207.72
20	R. C. M. Burton.....	Awnings.....	3.18
	Barber & Ross.....	Teakettles, etc.....	2.60
21	C. S. Kessler Bro.....	Pump washers.....	.80
	F. W. Taylor.....	Traveling expenses.....	45.75
25	Mackall Bros.....	Corks, etc.....	8.35
27	Jas. B. Lambie Co. (Incorporated).....	Screw-drivers, etc.....	.97
	Fred. A. Schmidt.....	Rules alidades.....	20.00
	Warren M. Whyte.....	Iron drum.....	7.00
28	Chas. A. Jensen.....	Traveling expenses.....	52.75
	Frederick Carl.....	Pump.....	20.00
	Merchants Transfer and Storage Co.....	Moving safe.....	9.00
31	F. H. King et al.....	Salaries.....	2,598.53
Sept. 1	J. C. Britton.....	Salary.....	84.20
	E. T. Hughes.....	do.....	70.80
	Chas. A. Jensen.....	do.....	134.80
	Geo. T. McNess.....	do.....	252.70
	C. N. Mooney.....	do.....	101.10
	F. R. Reid.....	do.....	70.80
	F. C. Schroeder.....	do.....	60.60

102 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 1	J. F. Warner.....	Salary.....	\$60.60
	L. W. Ayer.....	do.....	84.20
	Orla L. Ayrs.....	do.....	84.20
	Herbert L. Belden.....	do.....	60.60
	Hugh H. Bennett.....	do.....	84.20
	F. E. Bonsteel.....	do.....	101.10
	Rudolph Boss.....	do.....	25.00
	Jas. L. Burgess.....	do.....	84.20
	R. T. Avon Burke.....	do.....	101.10
	Thomas A. Caine.....	do.....	101.10
	E. P. Carr.....	do.....	84.20
	M. Earl Carr.....	do.....	84.20
	W. T. Carter, jr.....	do.....	84.20
	H. A. Clark.....	do.....	50.00
	W. W. Cobey.....	do.....	126.40
	Fred Dartnell.....	do.....	45.00
	J. A. Drake.....	do.....	70.80
	Charles W. Ely.....	do.....	84.20
	E. O. Fippin.....	do.....	117.90
	W. J. Geib.....	do.....	84.20
	James L. Gill.....	do.....	40.00
	A. M. Griffen.....	do.....	84.20
	W. E. Hearn.....	do.....	101.10
	W. M. Hinson.....	do.....	151.60
	L. Carl Holmes.....	do.....	60.60
	J. C. Hogsenson.....	do.....	84.20
	G. B. Jones.....	do.....	84.20
	W. H. Knox.....	do.....	101.10
	A. E. Kocher.....	do.....	84.20
	J. E. Lapham.....	do.....	117.90
	Macy H. Lapham.....	do.....	134.80
	W. S. Lyman.....	do.....	84.20
	W. E. McLendon.....	do.....	84.20
	W. W. Mackie.....	do.....	84.20
	A. W. Mangum.....	do.....	101.10
	Charles J. Mann.....	do.....	50.00
	H. W. Marean.....	do.....	101.10
	J. O. Martin.....	do.....	101.10
	Geo. B. Massey.....	do.....	151.60
	E. H. Mathewson.....	do.....	101.10
	Thos. H. Means.....	do.....	210.60
	F. N. Meeker.....	do.....	84.20
	Nelson P. Neill.....	do.....	84.20
	W. C. Palmer.....	do.....	84.20
	A. H. Prince.....	do.....	101.10
	Thos. D. Rice.....	do.....	101.10
	Harry Rich.....	do.....	70.80
	A. S. Root.....	do.....	84.20
	La Mott Ruhlen.....	do.....	84.20
	A. M. Sanchez.....	do.....	101.10
	L. H. Shelfer.....	do.....	168.50
	F. D. Stevens.....	do.....	60.60
	J. B. Stewart.....	do.....	126.40
	A. T. Strahorn.....	do.....	84.20
	A. T. Sweet.....	do.....	70.80
	F. W. Taylor.....	do.....	101.10
	Henry Weinberg.....	do.....	101.10
	H. J. Wilder.....	do.....	101.10
	W. J. Wood.....	do.....	50.00
3	J. A. Bonsteel.....	Traveling expenses.....	169.70
4	Washington Gas Light Co.....	Gas.....	13.70
	Potomac Electric Power Co.....	Electric current.....	.85
	do.....	do.....	8.96
	S. F. Bagg.....	Grate bars, etc.....	9.65
	Wolf Bros.....	Envelopes.....	7.50
8	M. E. Carr.....	Traveling expenses.....	15.10
	J. W. Nelson.....	do.....	7.40
	do.....	Expenses.....	12.80
9	E. O. Fippin.....	Traveling expenses.....	116.58
	R. T. Avon Burke.....	do.....	142.26
	W. E. Hearn.....	do.....	143.63
	F. E. Bonsteel.....	do.....	145.68
	J. O. Martin.....	do.....	58.85
	H. W. Marean.....	do.....	121.60
	N. P. Neill.....	do.....	236.60
	J. C. Hogsenson.....	do.....	12.15
	C. N. Mooney.....	do.....	72.60
	W. G. Smith.....	do.....	124.25
	G. B. Massey.....	do.....	69.85

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 9	G. T. McNess.....	Traveling expenses.....	\$39.30
	H. J. Wilder.....	do.....	93.88
	A. W. Mangum.....	do.....	89.14
	W. M. Hinson.....	do.....	52.85
	F. H. King.....	do.....	47.09
	W. T. Carter, jr.....	do.....	48.15
	Frank Bennett, jr.....	do.....	61.70
	W. W. Cobey.....	do.....	45.17
10	J. G. Holmes.....	do.....	198.22
	J. E. Lapham.....	do.....	161.80
	M. H. Lapham.....	do.....	145.45
	T. A. Caine.....	do.....	156.05
	A. M. Sanchez.....	do.....	151.30
	G. N. Coffey.....	do.....	151.26
	J. B. Stewart.....	do.....	14.89
	Z. D. Gilman.....	Chemicals.....	13.83
	Henry Heil Chemical Co.....	do.....	6.74
	Queen & Co. (Incorporated).....	Evaporating dishes.....	5.40
	The M. Lindsay Rubber Co.....	Gum.....	1.80
	Mallinckrodt Chemical Works.....	Phosphate.....	1.02
	Francis Miller.....	Glass.....	.50
11	Washington Railway and Electric Co.....	72 tickets.....	3.00
	Delano & Moore.....	Photo supplies.....	44.74
	W. M. Whyte.....	Cylinders.....	1.00
14	C. N. Mooney.....	Traveling expenses.....	7.87
16	J. A. Drake.....	do.....	98.04
	T. D. Rice.....	do.....	98.75
	W. H. Heileman.....	do.....	64.55
	do.....	Expenses.....	6.60
	F. D. Stevens.....	do.....	5.41
17	C. J. Mann.....	Salary.....	25.00
	W. M. Hinson.....	Traveling expenses.....	18.30
	L. H. Shelfer.....	do.....	81.25
	W. C. Palmer.....	do.....	3.65
	do.....	Expenses.....	19.68
	The Torsion Balance Co.....	Scale.....	15.00
18	International and Great Northern R. R. Co.....	Passenger transportation.....	37.30
	Pennsylvania R. R. Co.....	do.....	16.50
19	Texarkana and Fort Smith Rwy. Co.....	do.....	46.30
	The Chesapeake and Ohio Rwy. Co.....	do.....	25.20
	Washington Southern Rwy. Co.....	do.....	21.40
	Illinois Central R. R. Co.....	do.....	10.17
	New York Central and Hudson R. R. Co.....	do.....	5.30
	New York, New Haven and Hartford R. R. Co.....	do.....	4.50
	Southern Rwy. Co.....	do.....	27.65
	do.....	do.....	11.40
	do.....	do.....	102.80
21	Thos. Somerville & Sons.....	Brass cups and tubes.....	3.80
	Rudolph, West & Co.....	Bits, chisels, etc.....	3.69
	R. P. Clarke Co.....	Toweling.....	11.75
	J. T. Walker Sons.....	Cement.....	6.00
	James B. Lambie Co. (Incorporated).....	Brads, etc.....	1.80
22	T. H. Means.....	Traveling expenses.....	103.45
	L. C. Holmes.....	Expenses.....	23.25
	J. A. Bonsteel.....	Traveling expenses.....	6.27
24	Mallinckrodt Chemical Works.....	Chemicals.....	92.60
	Eimer & Amend.....	Water regulator.....	10.13
30	F. H. King et al.....	Salaries.....	2,555.67
	Total, first quarter.....		28,331.51
Oct. 2	Harvard Laundry Co.....	Laundry work.....	3.07
	Thos. H. Means.....	Salary.....	203.80
	C. N. Mooney.....	do.....	97.80
	F. R. Reid.....	do.....	68.40
3	A. M. Sanchez.....	Traveling expenses.....	161.60
	Elmer O. Fippin.....	Salary.....	114.20
	Herbert L. Belden.....	do.....	58.80
	J. C. Britton.....	do.....	81.60
	E. T. Hughes.....	do.....	68.40
	Thos. H. Means.....	Traveling expenses.....	115.00
	C. W. Dorsey.....	do.....	114.50
	A. M. Sanchez.....	Salary.....	97.80
5	Geo. T. McNess.....	do.....	244.60
	W. J. Wood.....	do.....	50.00
	H. J. Wilder.....	do.....	97.80
	Henry Weinberg.....	do.....	97.80
	A. T. Strahorn.....	do.....	81.60
	J. B. Stewart.....	do.....	122.20
	F. D. Stevens.....	do.....	58.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 5	L. H. Sheller.....	Salary.....	\$163.00
	La Mott Ruhlen.....	do.....	81.60
	A. S. Root.....	do.....	81.60
	Harry Rich.....	do.....	68.40
	A. T. Sweet.....	do.....	68.40
	Thos. D. Rice.....	do.....	97.80
	A. H. Prince.....	do.....	97.80
	Nelson P. Neill.....	do.....	81.60
	F. N. Meeker.....	do.....	81.60
	E. H. Mathewson.....	do.....	97.80
	Geo. B. Massey.....	do.....	146.80
	James O. Martin.....	do.....	97.80
	H. W. Marean.....	do.....	97.80
	A. W. Mangum.....	do.....	97.80
	W. W. Mackie.....	do.....	81.60
	W. E. McLendon.....	do.....	81.60
	W. S. Lyman.....	do.....	81.60
	Macy H. Lapham.....	do.....	130.40
	J. E. Lapham.....	do.....	114.20
	A. E. Kocher.....	do.....	81.60
	W. H. Knox.....	do.....	97.80
	G. B. Jones.....	do.....	81.60
	Chas. A. Jensen.....	do.....	82.60
	L. Carl Holmes.....	do.....	58.80
	J. C. Hogenson.....	do.....	81.60
	W. M. Hinson.....	do.....	146.80
	W. E. Hearn.....	do.....	97.80
	Lewis Griswold.....	do.....	81.60
	A. M. Griffen.....	do.....	81.60
	J. L. Gill.....	do.....	40.00
	W. J. Grib.....	do.....	81.60
	Charles W. Ely.....	do.....	81.60
	J. A. Drake.....	do.....	68.40
	W. W. Cobey.....	do.....	122.20
	H. A. Clark.....	do.....	50.00
	W. T. Carter, jr.....	do.....	81.60
	M. Earl Carr.....	do.....	81.60
	E. P. Carr.....	do.....	81.60
	Thomas A. Caine.....	do.....	97.80
	R. T. Avon Burke.....	do.....	97.80
	J. L. Burgess.....	do.....	81.60
	Rudolph Boss.....	do.....	25.00
	F. E. Bonsteel.....	do.....	97.80
	Jay A. Bonsteel.....	do.....	74.73
	Hugh H. Bennett.....	do.....	81.60
	Orla L. Ayrs.....	do.....	81.60
	Lewis W. Ayer.....	do.....	81.60
	W. C. Palmer.....	do.....	81.60
6	F. C. Schroeder.....	do.....	58.80
7	J. F. Warner.....	do.....	58.80
8	E. O. Fippin.....	Traveling expenses.....	67.75
9	John C. Parker.....	Paper fasteners.....	1.20
9	W. C. Palmer.....	Traveling expenses.....	3.75
	do.....	Expenses.....	30.56
	Robert D. Brown.....	Services.....	24.00
10	Z. D. Gilman.....	Vials, etc.....	19.50
	Blue Line Transfer Co.....	Transportation.....	1.53
	James B. Lambie Co. (Incorporated).....	Pliers, etc.....	10.11
	Harvard Laundry Co.....	Washing towels.....	3.51
	Delano & Moore.....	Amidol.....	1.28
	Thos. Somerville & Sons.....	Repairs, etc.....	1.79
	Woodward & Lothrop.....	Soap.....	3.98
	Washington Gas Light Co.....	Gas.....	26.40
	do.....	do.....	35.20
	The Geo. W. Knox Express Co.....	Transportation.....	.91
	do.....	do.....	6.07
	Potomac Electric Power Co.....	Electric current.....	1.33
	do.....	do.....	1.50
	do.....	do.....	9.14
	Rudolph, West & Co.....	Hardware.....	4.24
	Potomac Electric Power Co.....	Electric current.....	8.68
12	J. T. Walker Sons.....	Cement.....	1.00
	Thos. R. Riley.....	Lumber.....	3.96
	do.....	do.....	7.27
	E. G. Schafer & Co.....	Boiler fittings.....	5.69
	do.....	Gas hose cocks.....	.34
	Dinsmore Typewriter Co.....	Repairs to typewriter.....	.50
	do.....	do.....	5.00
	The J. C. Ergood Co.....	Pearline.....	3.00
	M. Du Perow.....	Rubber.....	2.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 12	Chas. R. Edmonston.....	Filter.....	\$6.00
	J. E. Hurley.....	Steel, etc.....	1.25
	Chas. R. Edmonston.....	Tumblers.....	3.35
	Fred. A. Schmidt.....	Rubber.....	3.60
	do.....	Drawing paper.....	12.45
	do.....	Pens.....	4.80
	Elmer H. Catlin & Co.....	Electro-cell.....	.75
	Columbia National Sand Dredging Co.....	Gravel and sand.....	3.50
	W. O. Berry.....	Tin roof, etc.....	19.40
	Wm. Gutshall.....	Smoke stack.....	3.50
	E. F. Vermillion.....	Inspecting boiler.....	5.00
	American Distributing Co., A. L. Webb & Sons branch.....	Alcohol.....	23.65
14	Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	E. G. Schafer & Co.....	Valves, etc.....	1.82
	Mackall Bros.....	Jars, etc.....	60.66
	Henry Allen.....	do.....	15.00
19	W. E. Hearn.....	Traveling expenses.....	164.38
	Macy H. Lapham.....	do.....	132.95
	L. Carl Holmes.....	Expenses.....	28.25
	W. H. Heileman.....	Traveling expenses.....	43.40
	J. A. Drake.....	do.....	101.64
	George Thomas McNess.....	do.....	32.92
	J. C. Hogenston.....	do.....	14.92
	W. T. Carter, Jr.....	do.....	120.35
	F. E. Bonsteel.....	do.....	100.60
	W. G. Smith.....	do.....	116.50
	Geo. B. Massey.....	do.....	88.05
	Frank Bennett, Jr.....	do.....	129.13
	George N. Coffey.....	do.....	197.04
	W. V. Cobey.....	do.....	51.39
	R. T. Avon Burke.....	do.....	136.55
	H. W. Marean.....	do.....	129.83
	N. P. Neill.....	do.....	253.40
	J. W. Nelson.....	do.....	8.10
	do.....	Expenses.....	9.20
	J. O. Martin.....	Traveling expenses.....	95.80
	W. M. Hinson.....	do.....	8.29
	E. H. Mathewson.....	do.....	23.53
	G. B. Jones.....	do.....	14.40
	A. W. Mangum.....	do.....	32.95
	Thomas A. Caine.....	do.....	236.11
	Henry J. Wilder.....	do.....	94.24
	J. E. Lapham.....	do.....	151.87
	W. H. Knox.....	do.....	37.00
21	F. R. Reid.....	do.....	12.15
	A. T. Strahorn.....	do.....	29.90
	F. D. Stevens.....	Expenses.....	24.93
	J. B. Stewart.....	Traveling expenses.....	45.62
	C. N. Mooney.....	do.....	17.00
	Thomas D. Rice.....	do.....	148.57
	Nagle Engine and Boiler Works.....	Apparatus.....	10.00
	do.....	Boiler, etc.....	183.25
22	Julien P. Friez.....	Repairs to thermograph.....	16.75
	Williams, Brown & Earle.....	Glass, etc.....	3.05
	J. H. Bunnell & Co.....	Lamps.....	3.24
23	Frederick Carl.....	Repairs to pump.....	1.75
	Henrietta Burley.....	Washing sacks.....	5.00
	James B. Lambie Co. (Incorporated).....	Brooms.....	1.73
	R. P. Andrews & Co. (Incorporated).....	Paste.....	3.52
	W. O. Berry.....	Tin roof.....	9.00
	Charles Englehard.....	Electric apparatus.....	.50
	Franklin Laboratory Supply Co.....	Weights.....	3.60
26	Elmer O. Pippin.....	Traveling expenses.....	31.65
31	R. T. Avon Burke.....	Salary.....	101.10
	H. H. Bennett.....	do.....	84.20
	J. L. Gill.....	do.....	40.00
	F. D. Stevens.....	do.....	60.60
	W. S. Lyman.....	do.....	84.20
	Orla L. Ayrs.....	do.....	84.20
	La Mott Ruhlen.....	do.....	84.20
	F. N. Meeker.....	do.....	84.20
	J. E. Lapham.....	do.....	117.90
	E. P. Carr.....	do.....	84.20
	G. B. Jones.....	do.....	84.20
	A. T. Sweet.....	do.....	70.80
	M. Earl Carr.....	do.....	84.20
	W. E. McLendon.....	do.....	84.20
	J. C. Hogenston.....	do.....	84.20

106 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 31	A. E. Kocher.....	Salary.....	\$84.20
	W. J. Geib.....	.....do.....	84.20
	H. W. Marean.....	.....do.....	101.10
	J. B. Stewart.....	.....do.....	126.40
	Thos. D. Rice.....	.....do.....	101.10
	A. T. Strahorn.....	.....do.....	84.20
	Chas. W. Ely.....	.....do.....	84.20
	J. A. Drake.....	.....do.....	70.80
	W. M. Hinson.....	.....do.....	151.60
	Geo. B. Massey.....	.....do.....	151.60
	Harry Rich.....	.....do.....	70.80
	W. W. Cobey.....	.....do.....	126.40
	L. Carl Holmes.....	.....do.....	60.60
	Thos. H. Means.....	.....do.....	210.60
	Lewis Griswold.....	.....do.....	84.20
	W. H. Knox.....	.....do.....	101.10
	Rudolph Boss.....	.....do.....	25.00
	E. H. Mathewson.....	.....do.....	101.10
	Lewis W. Ayer.....	.....do.....	84.20
	W. J. Wood.....	.....do.....	50.00
	H. A. Clark.....	.....do.....	50.00
	H. L. Belden.....	.....do.....	84.20
	A. W. Mangum.....	.....do.....	101.10
	Nelson P. Neill.....	.....do.....	84.20
	Jay A. Bonsteel.....	.....do.....	210.60
	James O. Martin.....	.....do.....	101.10
	Macy H. Lapham.....	.....do.....	134.80
	W. W. Mackie.....	.....do.....	84.20
	Thomas A. Caine.....	.....do.....	101.10
	F. E. Bonsteel.....	.....do.....	101.10
	A. S. Root.....	.....do.....	84.20
	A. M. Griffen.....	.....do.....	84.20
	J. L. Burgess.....	.....do.....	84.20
	Elmer O. Fippin.....	.....do.....	117.90
	W. E. Hearn.....	.....do.....	101.10
	H. J. Wilder.....	.....do.....	101.10
	W. T. Carter, jr.....	.....do.....	84.20
	Henry Weinberg.....	.....do.....	101.10
	Denver and Rio Grande R. R. Co.....	Passenger transportation.....	18.30
	Nashville, Chattanooga and St. Louis Rwy.....	.....do.....	18.30
	Chicago and North-Western Rwy. Co.....	.....do.....	40.89
	Atchison, Topeka and Santa Fe Rwy. Co.....	.....do.....	76.90
	Baltimore and Ohio R. R. Co.....	.....do.....	11.00
	Lake Shore and Michigan Southern Rwy. Co.....	.....do.....	6.63
	Oregon Short Line R. R. Co.....	.....do.....	45.00
	Union Pacific R. R. Co.....	.....do.....	65.60
	Washington Southern Rwy. Co.....	.....do.....	12.10
	.....do.....	.....do.....	8.60
	Pennsylvania R. R. Co.....	.....do.....	54.90
	Southern Rwy. Co.....	.....do.....	30.35
	Louisville and Nashville R. R. Co.....	.....do.....	9.59
	Atlantic Coast Line R. R. Co.....	.....do.....	17.20
	Texas and New Orleans R. R. Co.....	.....do.....	35.85
	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.....	.....do.....	19.25
	Richmond, Fredericksburg and Potomac R. R. Co.....	.....do.....	3.50
	Southern Rwy. Co.....	.....do.....	31.25
	.....do.....	.....do.....	19.00
	Oregon R. R. and Navigation Co.....	.....do.....	55.00
	F. H. King et al.....	Salaries.....	3,370.69
Nov. 4	Henry J. Wilder.....	Traveling expenses.....	107.02
9	J. W. Nelson.....	.....do.....	18.77
	J. C. Hogenson.....	.....do.....	38.05
13	Chas. R. Edmonston.....	Tumblers.....	3.35
	Densmore Typewriter Co.....	Repairs.....	5.00
	J. E. Lapham.....	Traveling expenses.....	167.32
	Barber & Ross.....	Hardware.....	4.54
	Church & Stephenson.....	Lumber.....	27.96
	.....do.....	.....do.....	12.74
	Z. D. Gilman.....	Filters.....	6.43
	Delano & Moore.....	Solios.....	2.65
	Harvard Laundry Co.....	Washing towels.....	4.71
16	A. W. Mangum.....	Traveling expenses.....	117.51
	W. M. Hinson.....	.....do.....	18.40
	Thomas D. Rice.....	.....do.....	116.55
20	Geo. W. Millar & Co.....	Paper.....	13.00
21	Remington Typewriter Co.....	Ribbons.....	1.65
	Potomac Electric Power Co.....	Electric current.....	2.22

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 21	Potomac Electric Power Co.....	Electric current.....	\$17.87
	Rudolph, West & Co.....	Brooms, etc.....	5.13
	Washington Gas Light Co.....	Gas.....	39.60
23	George Thomas McNess.....	Traveling expenses.....	13.90
	Whitall, Tatum Co.....	Test tubes.....	4.31
	do.....	Flasks.....	2.64
	Mallinckrodt Chemical Works.....	Sodium.....	2.25
	The Tarsion Balance Co.....	Repairs.....	1.25
	James Diller (guardian).....	Office rent.....	56.00
	F. E. Bonsteel.....	Traveling expenses.....	118.76
	Queen & Co. (Incorporated).....	Dishes.....	15.60
	do.....	Chemicals.....	12.35
	do.....	Test tubes.....	3.31
	do.....	Soda.....	2.50
	do.....	Ammonia.....	2.40
	do.....	Tubes.....	1.10
24	W. T. Carter, jr.....	Traveling expenses.....	113.77
	George N. Coffey.....	do.....	114.79
	J. O. Martin.....	do.....	138.21
	F. H. King.....	do.....	10.85
	Geo. B. Massey.....	do.....	28.00
	A. M. Sanchez.....	Salary.....	29.35
	G. B. Jones.....	Traveling expenses.....	146.72
	Thomas. A. Caine.....	do.....	158.32
25	Frank Bennett, jr.....	do.....	145.91
	W. E. Hearn.....	do.....	156.14
	C. W. Dorsey.....	do.....	7.96
	W. H. Knox.....	do.....	21.75
	R. T. Avon Burke.....	do.....	114.75
	Macy H. Lapham.....	do.....	146.90
	W. W. Cobey.....	do.....	34.35
	W. H. Heileman.....	do.....	79.74
27	W. G. Smith.....	do.....	133.50
	L. Carl Holmes.....	Expenses.....	30.90
30	Lewis W. Ayer.....	Salary.....	81.60
	Orla L. Ayrs.....	do.....	81.60
	H. L. Beldon.....	do.....	81.60
	H. H. Bennett.....	do.....	81.60
	F. E. Bonsteel.....	do.....	97.80
	Jay A. Bonsteel.....	do.....	203.80
	Rudolph Boss.....	do.....	25.00
	J. L. Burgess.....	do.....	81.60
	R. T. Avon Burke.....	do.....	97.80
	Thomas A. Caine.....	do.....	97.80
	C. P. Carr.....	do.....	81.60
	M. Earl Carr.....	do.....	81.60
	W. T. Carter, jr.....	do.....	81.60
	H. A. Clark.....	do.....	50.00
	W. W. Cobey.....	do.....	122.20
	J. A. Drake.....	do.....	65.40
	Chas. W. Ely.....	do.....	81.60
	Elmer O. Fippin.....	do.....	114.20
	W. J. Geib.....	do.....	81.60
	J. L. Gill.....	do.....	40.00
	A. M. Griffen.....	do.....	81.60
	Lewis Griswold.....	do.....	81.60
	W. E. Hearn.....	do.....	97.80
	W. M. Hinson.....	do.....	146.80
	L. Carl Holmes.....	do.....	58.80
	G. B. Jones.....	do.....	81.60
	W. H. Knox.....	do.....	97.80
	A. E. Kocher.....	do.....	81.60
	J. E. Lapham.....	do.....	114.20
	Macy H. Lapham.....	do.....	130.40
	W. S. Lyman.....	do.....	81.60
	W. E. McLendon.....	do.....	81.60
	W. W. Mackie.....	do.....	81.60
	A. W. Mangum.....	do.....	97.80
	H. W. Marean.....	do.....	97.80
	J. O. Martin.....	do.....	97.80
	Geo. B. Massey.....	do.....	146.80
	E. H. Mathewson.....	do.....	97.80
	Thos. H. Means.....	do.....	203.80
	F. N. Meeker.....	do.....	81.60
	N. P. Neill.....	do.....	81.60
	Thos. D. Rice.....	do.....	97.80
	Harry Rich.....	do.....	65.40
	A. S. Root.....	do.....	81.60
	La Mott Ruhlen.....	do.....	81.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 30	F. D. Stevens.....	Salary.....	\$58.80
	J. B. Stewart.....	do.....	122.20
	A. T. Strahorn.....	do.....	81.60
	A. T. Sweet.....	do.....	68.40
	Henry Weinberg.....	do.....	97.80
	Henry J. Wilder.....	do.....	97.80
	W. J. Wood.....	do.....	50.00
Dec. 1	F. H. King et al.....	Salaries.....	3,179.25
	Thos. R. Riley.....	Lumber.....	.88
	Geo. F. Muth & Co.....	Road pens.....	1.86
	Francis Miller.....	Glass.....	.66
	Wm. H. Rupp.....	Ink.....	3.00
	Woodward & Lothrop.....	Felt, etc.....	2.35
	The M. Lindsay Rubber Co.....	Dental dam, etc.....	5.10
	W. B. Moses & Sons.....	Chair.....	4.20
	National Electric Supply Co.....	Solder.....	2.50
	E. G. Schafer & Co.....	Pipe.....	2.40
	Church & Stephenson.....	Lumber.....	10.79
	R. Carter Ballantyne.....	Crayons, etc.....	13.76
2	Washington Railway and Electric Co.....	Tickets.....	6.00
	Frederick Carl.....	Repairs to pump.....	1.50
	Hudson's Variety Store.....	Brushes.....	.85
	Whitall-Tatum Co.....	Spatulas, etc.....	7.28
	do.....	Crates.....	26.75
	Henry Heil Chemical Co.....	Tubing, etc.....	3.20
	Fred. A. Schmidt.....	Protractors.....	1.44
	C. S. Kessler Bro.....	Tire valves.....	.75
	do.....	Pump.....	4.00
	The E. F. Brooks Co.....	Mantles.....	1.50
	The Leeds & Northrup Co.....	Galvanometer, etc.....	18.95
	Manhattan Electric Supply Co.....	Jars.....	1.68
3	S. H. Davis & Co.....	Repairing odometers.....	15.75
4	Chas. A. Jensen.....	Traveling expenses.....	34.75
	W. H. Helleman.....	do.....	30.15
	F. D. Stevens.....	Expenses.....	18.00
	do.....	Traveling expenses.....	11.48
	Geo. B. Massey.....	do.....	55.75
	Frank Bennett, Jr.....	do.....	110.67
	Henry J. Wilder.....	do.....	134.22
	F. E. Bonsteel.....	do.....	84.76
5	Harvard Laundry Co.....	Washing towels.....	4.35
8	A. W. Mangum.....	Traveling expenses.....	99.24
	W. E. Hearn.....	do.....	113.60
	G. B. Jones.....	do.....	114.08
	W. T. Carter, Jr.....	do.....	119.82
	George N. Coffey.....	do.....	132.38
	J. O. Martin.....	do.....	160.04
	J. E. Lapham.....	do.....	156.30
	W. G. Smith.....	do.....	104.50
	L. Carl Holmes.....	Expenses.....	16.00
	R. T. Avon Burke.....	Traveling expenses.....	109.30
	Nashville, Chattanooga and St. Louis Rwy.....	Passenger transportation.....	40.60
	St. Louis and San Francisco Rwy. Co.....	do.....	11.00
	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	5.50
	Southern Rwy. Co.....	do.....	58.25
	do.....	do.....	77.00
	Pennsylvania R. R. Co.....	do.....	11.00
	Pennsylvania Co.....	do.....	10.85
	Chicago, Cincinnati, Cleveland and St. Louis Rwy. Co.....	do.....	15.75
	Chicago and Northwestern Rwy. Co.....	do.....	105.75
	Atlantic Coast Line R. R. Co.....	do.....	8.60
	do.....	do.....	32.85
	do.....	do.....	30.00
10	George T. McNess.....	Traveling expenses.....	30.20
	W. H. Knox.....	do.....	10.70
	Thos. D. Rice.....	do.....	132.90
	Francis Miller.....	Glass.....	.28
11	The Geo. W. Knox Express Co.....	Transportation.....	27.60
	J. H. Bunnell & Co.....	Batteries.....	2.40
	E. G. Schafer & Co.....	Wrenches.....	8.64
	Rudolph, West & Co.....	Nails, etc.....	20.67
	Fred. A. Schmidt.....	Drawing paper.....	34.70
	Barber & Ross.....	Buckets.....	1.79
	James B. Lambie Co. (Incorporated).....	Wire cloth.....	2.25
	M. Du Perow.....	Electric supplies.....	4.40
	Z. D. Gilman.....	Bottles, etc.....	30.34
	Hugh Reilly.....	Brushes.....	2.20
12	W. M. Hinson.....	Traveling expenses.....	14.51

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 12	Thos. A. Caine.....	Traveling expenses.....	\$155.85
	Macy H. Lapham.....	do.....	122.20
14	Church & Stephenson.....	Lumber.....	10.90
	do.....	do.....	64.84
	Woodward & Lothrop.....	Towels, etc.....	27.04
	Andrus & Church.....	Paper.....	23.13
	Mackall Bros.....	Chemicals.....	107.58
	W. & L. E. Gurley.....	Compasses, etc.....	22.10
15	F. D. Stevens.....	Salary.....	29.35
17	W. W. Cobey.....	Traveling expenses.....	54.70
	Whitall-Tatum Co.....	Tripods.....	7.20
	Henry Heil Chemical Co.....	Sieve.....	3.50
18	Delaware, Lackawanna and Western R. R. Co.....	Passenger transportation.....	21.90
	Chicago, Cincinnati, Cleveland and St. Louis Rwy. Co.....	do.....	29.02
	Denver and Rio Grande R. R. Co.....	do.....	57.75
	Michigan Central R. R. Co.....	do.....	38.40
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	16.90
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	22.73
	Missouri, Kansas and Texas Rwy. Co.....	do.....	5.40
	Northern Pacific Rwy. Co.....	do.....	81.78
	Oregon Short Line R. R. Co.....	do.....	61.90
19	C. W. Dorsey.....	Traveling expenses.....	43.20
21	John C. Parker.....	Tacks, etc.....	8.83
31	Thos. H. Means.....	Salary.....	210.60
	F. H. King et al.....	Salaries.....	3,264.05
	Total second quarter.....		36,286.39
1904. Jan. 2	G. B. Jones.....	Salary.....	84.20
	James O. Martin.....	do.....	101.10
	A. W. Mangum.....	do.....	101.10
	W. W. Mackie.....	do.....	84.20
	F. N. Meeker.....	do.....	84.20
	H. W. Marean.....	do.....	101.10
	W. E. McLendon.....	do.....	84.20
	E. H. Mathewson.....	do.....	101.10
	Nelson P. Neill.....	do.....	84.20
	Thos. D. Rice.....	do.....	101.10
	A. S. Root.....	do.....	84.20
	La Mott Ruhlan.....	do.....	84.20
	A. E. Kocher.....	do.....	84.20
	W. M. Hinson.....	do.....	151.60
	L. Carl Holmes.....	do.....	60.60
	W. E. Hearn.....	do.....	101.10
	W. H. Knox.....	do.....	101.10
	W. L. Lyman.....	do.....	84.20
	Macy H. Lapham.....	do.....	134.80
	J. E. Lapham.....	do.....	117.60
	Geo. B. Massey.....	do.....	151.60
	Lewis W. Ayer.....	do.....	84.20
	Orla L. Ayrs.....	do.....	84.20
	Jay A. Bonsteel.....	do.....	210.60
	F. E. Bonsteel.....	do.....	102.10
	J. L. Burgess.....	do.....	84.20
	R. T. Avon Burke.....	do.....	101.10
	Lewis Griswold.....	do.....	84.20
	W. J. Geib.....	do.....	84.20
	A. M. Griffen.....	do.....	84.20
	J. L. Gill.....	do.....	40.00
	Elmer O. Fippin.....	do.....	117.90
	Chas. W. Ely.....	do.....	84.20
	J. A. Drake.....	do.....	70.80
	M. Earl Carr.....	do.....	84.20
	H. A. Clark.....	do.....	50.00
	W. W. Cobey.....	do.....	126.40
	E. P. Carr.....	do.....	84.20
	Thos. A. Caine.....	do.....	101.10
	W. T. Carter, jr.....	do.....	84.20
	Rudolph Boss.....	do.....	25.00
	Hugh H. Bennett.....	do.....	84.20
	H. L. Beldin.....	do.....	84.20
	W. J. Wood.....	do.....	50.00
	Henry Weinberg.....	do.....	101.10
	H. J. Wilder.....	do.....	101.10
	A. T. Sweet.....	do.....	70.80
	J. B. Stewart.....	do.....	126.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 2	Harry Rich.....	Salary.....	\$70.80
	A. T. Strahorn.....	do.....	84.20
6	George Thomas McNess.....	Traveling expenses.....	46.25
	C. E. Rouser.....	Labor.....	5.16
7	Harvard Laundry Co.....	Washing towels.....	3.72
	Thos. Somerville & Sons.....	Tubes.....	6.45
	Hugh Reilly.....	Asphaltum.....	.64
	do.....	do.....	.64
	Geo. F. Muth.....	Oil, etc.....	3.12
	Woodward & Lothrop.....	Dusters, etc.....	4.85
	W. B. Moses & Sons.....	Webbing, etc.....	7.80
	Potomac Electric Power Co.....	Electric current.....	24.57
	do.....	do.....	2.38
	Washington Gas Light Co.....	Gas.....	37.30
8	Francis Miller.....	Oil.....	.86
	Washington Railway and Electric Co.....	Tickets.....	6.00
	Chas. R. Edmonston.....	Filter tubes, etc.....	21.75
12	Remington Typewriter Co.....	Repairs to typewriter.....	16.50
	Z. D. Gilman.....	Tubing, etc.....	22.64
	Woodward & Lothrop.....	Soap.....	3.98
	Francis Miller.....	Glass.....	37.24
14	Fred. A. Schmidt.....	Artists' materials.....	24.75
	J. E. Lapham.....	Traveling expenses.....	125.20
	Frank Bennett, jr.....	do.....	99.07
	W. M. Hinson.....	do.....	44.35
	Thos. D. Rice.....	do.....	126.98
	Thos. H. Means.....	do.....	116.37
	W. H. Knox.....	do.....	17.55
	Henry J. Wilder.....	do.....	123.88
	W. F. Carter, jr.....	do.....	33.30
	J. O. Martin.....	do.....	167.93
	W. W. Cobey.....	do.....	47.00
	George N. Coffey.....	do.....	19.76
	W. E. Hearn.....	do.....	20.58
	George B. Massey.....	do.....	32.55
	J. A. Drake.....	do.....	40.28
	Thos. A. Caine.....	do.....	189.42
	Whitall, Tatum Co.....	Air baths, etc.....	17.26
	do.....	Flasks.....	1.90
	Eberhard Faber.....	Pencils.....	8.84
	W. & L. E. Gurley.....	Plane tables, etc.....	42.50
	Eimer & Amend.....	Tube and bulbs.....	5.10
	Queen & Co. (Incorporated).....	Paraffin.....	8.25
	do.....	do.....	6.25
	G. B. Jones.....	Traveling expenses.....	126.43
	Arthur H. Thomas Co.....	Beaks, etc.....	42.98
	Mineralized Rubber Co.....	Hose.....	.56
	W. & L. E. Gurley.....	Rulers and compasses.....	30.60
16	A. W. Mangum.....	Traveling expenses.....	76.73
	Macy H. Lapham.....	do.....	114.90
	Chas. W. Ely.....	do.....	19.57
18	William H. Dyer.....	Lumber.....	29.50
	Henrietta Burley.....	Washing sacks.....	3.50
	Delano & Moore.....	Photo supplies.....	15.41
	Church & Stephenson.....	Lumber.....	16.06
	W. & L. E. Gurley.....	Scales.....	4.80
19	Jas. L. Burgess.....	Traveling expenses.....	30.25
	Chas. A. Jensen.....	do.....	41.55
	R. T. Avon Burke.....	do.....	84.40
	Queen & Co. (Incorporated).....	Ammon. hydroxide.....	6.00
25	Michigan Central R. R. Co.....	Passenger transportation.....	25.94
	Northern Pacific Rwy. Co.....	do.....	18.55
	New York, New Haven and Hartford R. R. Co.....	do.....	4.50
	do.....	do.....	9.10
	Oregon Short Line R. R. Co.....	do.....	57.75
	Southern Rwy. Co.....	do.....	75.75
	do.....	do.....	35.85
	San Pedro, Los Angeles and Salt Lake R. R. Co.....	do.....	7.40
	Atlantic Coast Line R. R. Co.....	do.....	8.60
	Washington Southern Rwy. Co.....	do.....	15.85
	Georgia Railroad.....	do.....	24.30
	Pennsylvania R. R. Co.....	do.....	16.90
	Lake Shore and Michigan Southern Rwy. Co.....	do.....	25.20
	Pennsylvania R. R. Co.....	do.....	10.00
	Emil Greiner.....	Aluminum dishes.....	8.60
26	The Fred. Macey Co. (Limited).....	Advertising card system.....	1.55
	Mallinckrodt Chemical Works.....	Sodium.....	3.40
	Whitall, Tatum Co.....	Flasks, etc.....	4.05

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 26	Eimer & Amend.....	Copper, drying bath, etc.....	\$18.30
	Adams Express Co.....	Transportation.....	89.22
	Fred. A. Schmidt.....	Pens.....	2.70
	John C. Parker.....	Pencils.....	2.57
	Standard Oil Co.....	Cylinder.....	2.50
27	Thos. Somerville & Sons.....	Gauge, etc.....	14.95
	Thos. R. Riley.....	Lumber.....	5.33
	do.....	do.....	2.80
	Rudolph, West & Co.....	Brush, etc.....	.78
	E. G. Schafer & Co.....	Valves, etc.....	27.16
	Francis Miller.....	Oil.....	.92
	Potomac Electric Power Co.....	Electric current.....	20.44
	do.....	do.....	1.38
30	Milton Whitney.....	Traveling expenses.....	36.75
31	F. H. King et al.....	Salaries.....	3,312.12
Feb. 1	Lewis W. Ayer.....	Salary.....	102.20
	Orla L. Ayrs.....	do.....	85.20
	H. L. Belden.....	do.....	85.20
	Hugh H. Bennett.....	do.....	85.20
	J. C. Britton.....	do.....	85.20
	F. E. Bonsteel.....	do.....	102.20
	Jay A. Bonsteel.....	do.....	212.00
	Rudolph Boss.....	do.....	25.00
	J. L. Burgess.....	do.....	85.20
	Thomas A. Caine.....	do.....	102.20
	E. P. Carr.....	do.....	85.20
	M. Earl Carr.....	do.....	85.20
	W. T. Carter, jr.....	do.....	85.20
	H. A. Clark.....	do.....	50.00
	W. W. Cobey.....	do.....	127.70
	J. A. Drake.....	do.....	71.50
	C. W. Ely.....	do.....	85.20
	Elmer O. Fippin.....	do.....	119.20
	W. J. Geib.....	do.....	85.20
	J. L. Gill.....	do.....	19.35
	A. M. Griffen.....	do.....	85.20
	Lewis Griswold.....	do.....	85.20
	W. M. Hinson.....	do.....	170.30
	W. E. Hearn.....	do.....	102.20
	L. Carl Holmes.....	do.....	85.20
	G. B. Jones.....	do.....	85.20
	W. H. Knox.....	do.....	102.20
	A. E. Kocher.....	do.....	85.20
	Macy H. Lapham.....	do.....	136.30
	W. S. Lyman.....	do.....	85.20
	W. E. McLendon.....	do.....	85.20
	W. W. Mackie.....	do.....	85.20
	A. W. Mangum.....	do.....	102.20
	H. W. Marean.....	do.....	102.20
	Geo. B. Massey.....	do.....	153.30
	J. O. Martin.....	do.....	102.20
	E. H. Mathewson.....	do.....	127.70
	Thos. H. Means.....	do.....	212.90
	F. N. Mecker.....	do.....	85.20
	N. P. Neill.....	do.....	85.20
	F. R. Reid.....	do.....	71.50
	Thos. D. Rice.....	do.....	102.20
	Harry Rich.....	do.....	85.20
	A. S. Root.....	do.....	85.20
	La Mott Ruhlen.....	do.....	85.20
	A. T. Strahorn.....	do.....	85.20
	J. B. Stewart.....	do.....	127.70
	A. T. Sweet.....	do.....	71.50
	Jay F. Warner.....	do.....	85.20
	Henry Weinberg.....	do.....	102.20
	Henry J. Wilder.....	do.....	102.20
	W. J. Wood.....	do.....	66.40
3	Washington Gaslight Co.....	Gas.....	18.10
	Fred. A. Schmidt.....	Ruling pens.....	3.75
	E. G. Schafer & Co.....	Brass unions.....	2.00
	Wm. H. Rupp Co.....	Note books.....	1.80
	D. Frank Parker.....	Typewriter paper.....	2.40
	Geo. F. Muth & Co.....	Ink.....	2.00
	W. B. Moses & Sons.....	Tables.....	17.25
	Mackall Bros.....	Jars, etc.....	97.81
	James B. Lambie Co. (Incorporated).....	Chain, etc.....	5.61
	do.....	Brads.....	1.62
	Z. D. Gilman.....	Flasks.....	10.29
	F. S. Gichner.....	Wire baskets.....	36.20
	Dulin & Martini.....	Saucepans.....	2.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 3	R. P. Clarke Co.	Toweling	\$12.50
	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
	R. Carter Ballantyne	Copying paper	3.84
	Barber & Ross	Augers, etc.	8.80
4	C. W. Dorsey	Traveling expenses	49.68
	Geo. B. Massey	do.	35.15
9	Potomac Electric Power Co.	Electric current	21.93
	do.	do.	1.26
	Fred. A. Schmidt	Tracing cloth	49.00
	Harvard Laundry Co.	Washing towels	4.21
	Washington Gaslight Co.	Gas	37.10
	Woodward & Lothrop	Portieres, etc.	30.76
	Church & Stephenson	Lumber	37.55
	do.	do.	41.27
	do.	do.	26.00
11	Thos. A. Caine	Traveling expenses	163.63
	J. O. Martin	do.	147.65
	Thomas D. Rice	do.	131.00
	W. W. Cobey	do.	41.55
	W. M. Hinson	do.	66.25
	L. J. Briggs	do.	34.70
	W. E. Hearn	do.	167.37
12	U. S. Envelope Co.	Envelopes	2.90
	Williams, Brown & Earle	Mantles	6.80
	Mallinckrodt Chemical Works	Chemicals	4.20
	The Armour Fertilizer Works	Fertilizer	1.95
	G. B. Jones	Traveling expenses	145.95
	W. G. Smith	do.	131.25
	Queen & Co. (Incorporated)	Sodium	2.50
	Eberhard Faber	Files	4.05
	Julien P. Friez	Forms	10.00
	F. E. Bonsteel	Traveling expenses	161.21
	W. T. Carter, jr.	do.	164.65
	A. W. Mangum	do.	132.60
	W. & L. E. Gurley	Plane table, etc.	29.75
13	George Thomas McNess	Traveling expenses	73.15
	Frank Bennett, jr.	do.	106.25
	J. C. Britton	do.	123.40
	Chas. W. Ely	do.	78.35
	J. Garnett Holmes	do.	520.70
	H. J. Wilder	do.	109.12
	Macy H. Lapham	do.	251.90
17	Delano & Moore	Photo supplies	25.99
	La Bolsa Tile Co.	Drain tile	114.50
18	Thos. H. Means	Traveling expenses	267.53
	Elmer O. Fippin	do.	151.15
	L. D. Gulley	Rent	15.00
	Texas and New Orleans R. R. Co.	Passenger transportation	37.30
	Washington Southern Rwy. Co.	do.	49.60
	Atchison, Topeka and Santa Fe Rwy. Co.	do.	6.75
	Illinois Central R. R. Co.	do.	18.00
	The Chesapeake and Ohio Rwy. Co.	do.	37.50
	Gulf, Colorado and Santa Fe Rwy. Co.	do.	11.35
	Seaboard Air Line Rwy.	do.	12.15
23	Queen & Co. (Incorporated)	Distilling bulbs	3.95
	The Okonite Co. (Limited)	Wire	7.50
	Wolf Bros.	Envelopes	4.36
	The Torsion Balance Co.	Scales	73.00
	Mallinckrodt Chemical Works	Chemicals	1.80
	Harold L. Bond Co.	Couplings	5.50
24	The Geo. W. Knox Express Co.	Transportation	2.50
	do.	do.	1.37
	R. Carter Ballantyne	Erasers	7.14
	Frederick Carl	Tube	6.50
	The J. C. Ergood Co.	Pearline	4.50
	U. S. Express Co.	Transportation	94.66
	E. G. Schafer & Co.	Packing	2.14
	Rudolph, West & Co.	Lock, etc.	.85
	Thos. Somerville & Sons	Pipe, etc.	20.18
27	Western Union Telegraph Co.	Telegraph service	37.48
29	W. H. Knox	Salary	95.60
	do.	do.	25.16
	F. E. Bonsteel	do.	95.60
	W. E. Hearn	do.	95.60
	H. W. Marean	do.	95.60
	Thos. D. Rice	do.	95.60
	J. O. Martin	do.	95.60
	Rudolph Boss	do.	25.00
	E. H. Mathewson	do.	119.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 29	Henry Weinberg.....	Salary.....	\$95.60
	W. W. Cobey.....	do.....	119.60
	Thomas A. Caine.....	do.....	95.60
	J. B. Stewart.....	do.....	119.60
	Jay F. Warner.....	do.....	79.60
	A. W. Mangum.....	do.....	95.60
	Henry J. Wilder.....	do.....	95.60
	Elmer O. Fippin.....	do.....	111.60
	Lewis W. Ayer.....	do.....	95.60
	Orla L. Ayrs.....	do.....	79.60
	Macy H. Lapham.....	do.....	127.40
	W. M. Hinson.....	do.....	159.40
	Geo. B. Massey.....	do.....	143.40
	Thos. H. Means.....	do.....	199.20
	Jay A. Bonsteel.....	do.....	199.20
	N. P. Neill.....	do.....	79.60
	A. M. Griffen.....	do.....	79.60
	J. C. Button.....	do.....	79.60
	W. J. Wood.....	do.....	62.20
	H. A. Clark.....	do.....	50.00
	W. S. Lyman.....	do.....	79.60
	L. Carl Holmes.....	do.....	79.60
	H. L. Belden.....	do.....	79.60
	A. T. Sweet.....	do.....	67.00
	Harry Rich.....	do.....	79.60
	F. R. Reid.....	do.....	67.00
	W. E. McLendon.....	do.....	79.60
	Hugh H. Bennett.....	do.....	79.60
	A. S. Root.....	do.....	79.60
	A. T. Strahorn.....	do.....	79.60
	A. H. Snyder.....	do.....	79.60
	La Mott Ruhlen.....	do.....	79.60
	F. N. Meeker.....	do.....	79.60
	W. W. Mackie.....	do.....	79.60
	A. E. Kocher.....	do.....	79.60
	G. B. Jones.....	do.....	79.60
	W. J. Geib.....	do.....	79.60
	Lewis Griswold.....	do.....	79.60
	C. W. Ely.....	do.....	79.60
	W. T. Carter, jr.....	do.....	79.60
	M. Earl Carr.....	do.....	79.60
	E. P. Carr.....	do.....	79.60
	F. H. King et al.....	Salaries.....	3,639.10
Mar. 2	E. H. Mathewson.....	Traveling expenses.....	15.00
3	James D. Butler.....	Salary.....	24.73
	George Shilling.....	Filter pumps.....	30.00
	Z. D. Gilman.....	Bottles, etc.....	22.64
	The Geo. W. Knox Express Co.....	Transportation.....	36.27
4	Milton Whitney.....	Traveling expenses.....	7.95
	A. G. Rice.....	do.....	22.60
	Eimer & Amend.....	Apparatus.....	3.70
	Henry Heil Chemical Co.....	Beakers.....	5.77
	.....do.....	Sodium.....	1.90
7	George T. McNess.....	Traveling expenses.....	56.85
10	G. B. Jones.....	do.....	110.05
	F. E. Bonsteel.....	do.....	136.55
	Elmer O. Fippin.....	do.....	126.22
	J. O. Martin.....	do.....	123.35
	Harry Rich.....	do.....	20.07
	W. G. Smith.....	do.....	144.75
	Frank Bennett, jr.....	do.....	96.99
11	Postal Telegraph-Cable Co.....	Telegraph service.....	80
	Arthur H. Thomas Co.....	Beakers, etc.....	10.43
	Queen & Co. (Incorporated).....	Paraffin.....	12.50
	Geo. W. Millar & Co.....	Manila paper.....	16.50
	Mackall Bros.....	Chemicals.....	24.95
	Chas. R. Edmonston.....	Pans, etc.....	6.33
	Church & Stephenson.....	Lumber.....	4.00
	Potomac Electric Power Co.....	Electric current.....	21.03
	.....do.....	do.....	1.72
	A. W. Mangum.....	Traveling expenses.....	121.55
	W. E. Hearn.....	do.....	146.06
	Woodward & Lothrop.....	Sheeting and dusters.....	8.70
	Washington Gaslight Co.....	Gas.....	31.20
	Thos. Somerville & Sons.....	Brass tube.....	3.55
	Fred. A. Schmidt.....	Paints.....	1.90
12	Thos. A. Caine.....	Traveling expenses.....	155.44
	Thos. D. Rice.....	do.....	112.35
14	Fred. S. Gichner.....	Wire baskets.....	45.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 14	Delano & Moore.....	Plates.....	\$4.29
	W. T. Carter, jr.....	Traveling expenses.....	134.05
16	Geo. B. Massey.....	do.....	20.20
	A. S. Root.....	do.....	38.70
	E. H. Mathewson.....	do.....	38.40
	Henry J. Wilder.....	do.....	149.13
17	J. C. Britton.....	do.....	92.35
	W. H. Knox.....	do.....	14.75
	Chicago and Northwestern Rwy. Co.....	Transportation.....	37.02
	The Chesapeake and Ohio Rwy. Co.....	do.....	15.00
	Atlantic Coast Line R. R. Co.....	Passenger transportation.....	5.95
18	M. H. Lapham.....	Traveling expenses.....	256.70
	Blue Line Transfer Co.....	Freight, etc.....	8.81
	Herman Baumgarten.....	Numbering stamp.....	9.00
	R. Carter Ballantyne.....	Wax crayons.....	9.52
	Southern Rwy. Co.....	Passenger transportation.....	57.90
	do.....	do.....	154.18
	St. Louis and San Francisco R. R. Co.....	do.....	20.80
	Texarkana and Fort Smith Rwy. Co.....	do.....	9.10
	Texas and New Orleans R. R. Co.....	do.....	35.80
	Union Pacific R. R. Co.....	do.....	38.85
	Washington Southern Rwy. Co.....	do.....	3.50
	do.....	do.....	24.80
	Richmond, Fredericksburg and Potomac Rwy. Co.....	do.....	3.50
	Harvard Laundry Co.....	Washing towels.....	4.27
	Jas. B. Lambie Co. (Incorporated).....	Wire cloth, etc.....	4.08
	F. P. May & Co.....	Cane.....	.85
	Francis Miller.....	Glass.....	9.28
21	Thos. H. Means.....	Traveling expenses.....	211.89
	Chas. W. Ely.....	do.....	193.50
	W. M. Hinson.....	do.....	267.88
	J. G. Holmes.....	do.....	353.10
	Lewis W. Ayer.....	do.....	13.65
22	Richard S. Epley.....	Salary.....	24.73
	W. W. Cobey.....	Traveling expenses.....	28.75
24	Barber & Ross.....	Scissors, etc.....	6.05
	Harrison Manufacturing Co.....	Stills.....	15.00
	The Geo. W. Knox Express Co.....	Transportation.....	2.67
	Mackall Bros.....	Laboratory supplies.....	13.45
	Torsion Balance Co.....	Scales.....	45.00
	Jno. Underwood & Co.....	Carbon paper.....	4.70
	Union Envelope Co.....	Envelopes.....	13.90
25	J. A. Drake.....	Salary.....	67.00
26	Missouri Pacific Rwy. Co.....	Passenger transportation.....	26.90
	Southern California Rwy. Co.....	do.....	77.45
28	F. G. Nolte.....	Papering.....	24.00
29	E. B. Adams Co.....	Metal polish.....	1.00
	Frederick Carl.....	Laboratory apparatus.....	18.50
	Eimer & Amend.....	Phosphorus.....	1.13
	R. S. Epley.....	Traveling expenses.....	12.25
	Washington Rwy. and Electric Co.....	Car tickets.....	6.00
	F. L. Nichols.....	Rubber cell.....	5.50
31	Andrus & Church.....	Cross-section paper.....	3.20
	Fred. A. Schmidt.....	Rubber.....	3.50
	do.....	Mucilage.....	2.00
	do.....	Brushes.....	1.50
	E. G. Schafer & Co.....	Couplings.....	.51
	D. A. Tower.....	Pencil holders.....	5.52
	Lewis W. Ayer.....	Salary.....	102.20
	Orla L. Ayrs.....	do.....	85.20
	H. H. Bennett.....	do.....	85.20
	James D. Butler.....	do.....	51.10
	H. L. Belden.....	do.....	85.20
	Jay A. Bonsteel.....	do.....	212.90
	F. E. Bonsteel.....	do.....	102.20
	J. C. Britton.....	do.....	85.20
	M. Earl Carr.....	do.....	85.20
	E. P. Carr.....	do.....	85.20
	H. A. Clark.....	do.....	50.00
	W. W. Cobey.....	do.....	127.70
	W. T. Carter, jr.....	do.....	85.20
	Thos. A. Caine.....	do.....	102.20
	J. A. Drake.....	do.....	71.50
	C. W. Ely.....	do.....	85.20
	Richard S. Epley.....	do.....	51.10
	Elmer O. Fippin.....	do.....	119.20
	Lewis Griswold.....	do.....	85.20
	A. M. Griffen.....	do.....	85.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 31	W. J. Geib.....	Salary.....	\$85.20
	W. W. Green.....	do.....	51.10
	W. E. Hearn.....	do.....	102.20
	G. B. Jones.....	do.....	85.20
	A. E. Kocher.....	do.....	85.20
	W. H. Knox.....	do.....	102.20
	W. S. Lyman.....	do.....	85.20
	Macy H. Lapham.....	do.....	136.30
	Geo. B. Massey.....	do.....	153.30
	E. H. Mathewson.....	do.....	127.70
	W. E. McLendon.....	do.....	85.20
	F. N. Meeker.....	do.....	85.20
	J. O. Martin.....	do.....	102.20
	A. W. Mangum.....	do.....	102.20
	W. W. Mackie.....	do.....	85.20
	Otto Olson.....	do.....	71.50
	F. R. Reed.....	do.....	71.50
	Harry Rich.....	do.....	85.20
	Thos. D. Rice.....	do.....	102.20
	La Mott Ruhlen.....	do.....	85.20
	A. S. Root.....	do.....	85.20
	J. B. Stewart.....	do.....	127.70
	A. T. Strahorn.....	do.....	85.20
	A. T. Sweet.....	do.....	71.50
	Addison H. Snyder.....	do.....	85.20
	Walter C. Taber.....	do.....	85.20
	W. J. Wood.....	do.....	66.40
	Henry Weinberg.....	do.....	102.20
	Thos. H. Means.....	do.....	212.90
	W. M. Hinson.....	do.....	170.30
	F. H. King et al.....	Salaries.....	4,147.99
	Total, third quarter.....		41,886.30
Apr 4	Rudolph Boss.....	Salary.....	61.30
	Jay F. Warner.....	do.....	85.20
	L. C. Holmes.....	do.....	85.20
6	C. N. Mooney.....	Traveling expenses.....	8.30
7	H. W. Marean.....	do.....	15.80
	Geo. B. Massey.....	do.....	12.90
	L. W. Ayer.....	do.....	20.50
9	Estate of John C. Parker.....	File boxes, etc.....	7.65
	Francis Miller.....	Oil.....	5.46
	W. G. Smith.....	Traveling expenses.....	160.75
12	Whitall, Tatum Co.....	Bottles.....	4.90
	Standard Oil Co.....	Cylinder, etc.....	2.50
18	Postal Telegraph-Cable Co.....	Telegraph service.....	2.10
19	Chas. W. Ely.....	Traveling expenses.....	185.26
	F. E. Bonsteel.....	do.....	136.95
	F. Bennett, jr.....	do.....	111.54
	Lewis W. Ayer.....	do.....	42.65
	J. E. Lapham.....	do.....	25.17
	A. W. Mangum.....	do.....	108.24
	Harry Rich.....	do.....	37.15
	Thomas D. Rice.....	do.....	133.82
	Jay F. Warner.....	do.....	64.50
	Thos. A. Caine.....	do.....	165.56
	Chas. A. Jensen.....	do.....	26.75
	E. H. Mathewson.....	do.....	42.61
20	Chesapeake and Ohio Rwy. Co.....	Passenger transportation.....	39.20
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	do.....	49.39
	do.....	do.....	11.75
	Nashville, Chattanooga and St. Louis R. R.....	do.....	7.20
	Pennsylvania R. R. Co.....	do.....	10.00
	J. C. Britton.....	Traveling expenses.....	29.35
	W. T. Carter.....	do.....	141.10
	George N. Coffey.....	do.....	22.84
	W. H. Heileman.....	do.....	58.95
	G. B. Jones.....	do.....	137.99
	M. H. Lapham.....	do.....	259.45
	Thos. H. Means.....	do.....	96.26
	W. E. Hearn.....	do.....	155.84
21	W. H. Knox.....	do.....	83.28
	Macy H. Lapham.....	do.....	5.50
22	W. M. Hinson.....	do.....	191.65
	H. J. Wilder.....	do.....	228.55
23	Fred. S. Giehner.....	Wire baskets.....	45.00
	Elmer O. Fippin.....	Traveling expenses.....	140.29
25	R. P. Andrews & Co.....	Paste.....	3.52

116 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 25	R. P. Clarke Co.....	Toweling.....	\$12.00
	M. Du Perow.....	Electrical supplies.....	12.63
	Delano & Moore.....	Photo supplies.....	14.40
	Z. D. Gilman.....	Funnels, etc.....	24.83
	Harvard Laundry Co.....	Laundry work.....	4.89
	C. J. McCubbin Co.....	Repairs to engine.....	12.80
	L. P. Menchine.....	Asbestos covering.....	6.88
	McCauley & McGill.....	Tube gas.....	2.50
	F. G. Nolte.....	Plastering, etc.....	15.00
	Potomac Electric Power Co.....	Electric current.....	21.61
	.....do.....	.....do.....	.94
	Remington Typewriter Co.....	Ribbons, etc.....	96.72
	F. A. Schmidt.....	Triangles.....	4.20
	.....do.....	Pencils.....	14.25
	James S. Topham.....	Catches.....	3.30
	Woodward & Lothrop.....	Desk and soap.....	19.80
	J. Ross Collins.....	Bags.....	45.00
	Eimer & Amend.....	Weights.....	7.80
	.....do.....	Chemicals.....	20.85
	.....do.....	.....do.....	3.00
	.....do.....	Weights, etc.....	10.05
	Eberhard Faber.....	Bands and rulers.....	12.40
	Emil Greiner.....	Pipettes.....	5.20
	Library Bureau.....	Cases, etc.....	16.51
	Queen & Co. (Incorporated).....	Paraffin.....	20.00
	The Sternberg Manufacturing Co.....	Sprinkler, etc.....	1.75
	The Torsion Balance Co.....	Scales.....	45.00
	Whitall, Tatum Co.....	Bottles.....	32.50
	C. H. Stoelting Co.....	Tripod bases, etc.....	8.40
27	J. O. Martin.....	Traveling expenses.....	156.14
28	National Electrical Supply Co.....	Electrical supplies.....	3.45
	Cincinnati Northern R. R. Co.....	Passenger transportation.....	14.00
	Cleveland, Cincinnati, Chicago and St. Louis R. R.....	.....do.....	26.65
	Chicago, Milwaukee and St. Paul R. R.....	.....do.....	61.63
	Alabama Great Southern R. R.....	.....do.....	29.90
	Atlantic Coast Line R. R.....	.....do.....	12.80
	Wm. H. Rupp.....	Ink.....	1.50
	Mackall Bros.....	Flasks, etc.....	6.74
	W. B. Moses & Sons.....	Chairs and shades.....	12.94
	P. H. Heiskell, jr., & Co.....	Wire fence.....	1.50
	F. E. Myers & Bro.....	Pumps.....	27.00
	Mallinckrodt Chemical Works.....	Chemicals.....	13.05
	International and Great Northern R. R.....	Passenger transportation.....	6.80
	Pennsylvania R. R.....	.....do.....	190.80
	Southern R. R. Co.....	.....do.....	83.40
	Seaboard Air Line R. R.....	.....do.....	129.00
	H. W. Marean.....	Traveling expenses.....	8.86
30	Orla L. Ayrs.....	Salary.....	82.40
	L. W. Ayer.....	.....do.....	98.90
	R. T. Ayon Burke.....	.....do.....	98.90
	H. H. Bennett.....	.....do.....	82.40
	H. L. Belden.....	.....do.....	82.40
	James D. Butler.....	.....do.....	49.50
	F. E. Bonsteel.....	.....do.....	98.90
	Jay A. Bonsteel.....	.....do.....	206.00
	Rudolph Boss.....	.....do.....	59.30
	J. L. Burgess.....	.....do.....	82.40
	J. C. Britton.....	.....do.....	82.40
	J. O. Belz.....	.....do.....	115.40
	M. Earl Carr.....	.....do.....	82.40
	E. P. Carr.....	.....do.....	82.40
	H. A. Clark.....	.....do.....	50.00
	W. W. Cobey.....	.....do.....	123.60
	W. T. Carter, jr.....	.....do.....	82.40
	Thos. A. Caine.....	.....do.....	98.90
	C. L. Cooke.....	.....do.....	82.40
	J. A. Drake.....	.....do.....	69.20
	Chas. W. Ely.....	.....do.....	82.40
	Richard S. Epley.....	.....do.....	49.50
	Elmer O. Fippin.....	.....do.....	115.40
	A. M. Griffen.....	.....do.....	82.40
	L. Griswold.....	.....do.....	52.20
	W. J. Geib.....	.....do.....	82.40
	W. W. Green.....	.....do.....	49.50
	W. M. Hinson.....	.....do.....	164.80
	J. C. Hogensen.....	.....do.....	98.90
	L. Carl Holmes.....	.....do.....	82.40
	W. E. Hearn.....	.....do.....	98.90
	G. B. Jones.....	.....do.....	82.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 30	A. E. Kocher.....	Salary.....	\$82.40
	W. H. Knox.....	do.....	98.90
	W. S. Lyman.....	do.....	82.40
	Lawrence A. Kolbe.....	do.....	82.40
	M. H. Lapham.....	do.....	131.90
	J. E. Lapham.....	do.....	115.40
	T. H. Means.....	do.....	206.00
	E. H. Mathews.....	do.....	123.60
	W. E. McLendon.....	do.....	82.40
	Geo. B. Massey.....	do.....	148.30
	F. N. Meeker.....	do.....	82.40
	J. O. Martin.....	do.....	98.90
	W. W. Mackie.....	do.....	82.40
	C. N. Mooney.....	do.....	98.90
	A. W. Mangum.....	do.....	98.90
	N. P. Neill.....	do.....	82.40
	Otto Olson.....	do.....	69.20
	Harry Rich.....	do.....	82.40
	Thos. D. Rice.....	do.....	98.90
	A. S. Root.....	do.....	82.40
	La Mott Ruhlen.....	do.....	82.40
	J. B. Stewart.....	do.....	123.60
	A. T. Strahorn.....	do.....	82.40
	F. D. Stevens.....	do.....	98.90
	F. C. Schroeder.....	do.....	82.40
	A. T. Sweet.....	do.....	69.20
	Addison H. Snyder.....	do.....	82.40
	Walter C. Taber.....	do.....	82.40
	W. E. Thorp.....	do.....	82.40
	Jay F. Warner.....	do.....	82.40
	W. J. Wood.....	do.....	64.30
	Henry Weinberg.....	do.....	98.90
	Henry J. Wilder.....	do.....	98.90
	Marcus L. Floyd.....	do.....	156.59
	F. H. King et al.....	Salaries.....	3,102.52
May 3	W. E. McLendon.....	Traveling expenses.....	18.80
	C. W. Dorsey.....	do.....	9.02
6	Whitall, Tatum Co.....	Bottles.....	7.20
	Nagle Engine Boiler Works.....	Grate bars.....	9.00
	Francis Miller.....	Glass.....	2.60
	Remington Typewriter Co.....	Typewriter.....	92.25
	do.....	Ribbons.....	2.75
	B. F. Starr & Co.....	Bolting cloth.....	7.00
	L. E. Knott Apparatus Co.....	Fasteners.....	14.26
	W. & L. E. Gurley.....	Screws.....	4.50
	do.....	Plane table, etc.....	43.35
	Emil Greiner.....	Stoppers.....	15.00
	The Trasse Co.....	Blow pipe, etc.....	6.62
	Eimer & Amend.....	Bellows.....	5.15
	do.....	Cylinders.....	7.20
7	J. E. Lapham.....	Traveling expenses.....	79.22
	H. J. Wilder.....	do.....	117.10
	E. H. Mathewson.....	do.....	26.43
	Geo. B. Massey.....	do.....	41.49
	Harry Rich.....	do.....	10.26
	F. R. Reid.....	do.....	69.20
12	J. Bishop & Co.....	Crucibles.....	55.62
	The Weems Steamboat Co.....	Freight charges.....	1.50
13	E. G. Schafer & Co.....	Plumbers' supplies.....	6.12
	Thos. Somerville & Sons.....	Lubricators, etc.....	7.16
	Fred. A. Schmidt.....	Squares, etc.....	7.20
	Z. D. Gilman.....	Labels.....	1.50
	Washington Gaslight Co.....	Gas.....	22.00
	do.....	do.....	14.20
	Western Union Telegraph Co.....	Telegraph service.....	34.52
	Fred. Carl.....	Filter pump.....	20.00
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	The Geo. W. Knox Express Co.....	Transportation.....	6.74
	Blue Line Transfer Co.....	do.....	1.45
	District of Columbia Paper Manufacturing Co.....	Blotting paper.....	2.97
	Densmore Typewriter Co.....	Repairs.....	.70
	Jas. B. Lambie Co.....	Sheet copper.....	1.93
17	G. N. Coffey.....	Traveling expenses.....	103.70
18	Atlantic Coast Line R. R. Co.....	Passenger transportation.....	22.85
	Chicago and Northwestern R. R. Co.....	do.....	11.25
	Union Pacific R. R. Co.....	do.....	27.10
	Illinois Central R. R.....	do.....	28.75
	The Western Rwy. of Alabama.....	do.....	10.07
	Mobile and Ohio R. R. Co.....	do.....	20.20
	Houston East and West Texas Rwy.....	do.....	75.50

118 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904			
May 19	J. O. Belz.....	Traveling expenses.....	\$156.16
	W. H. Heileman.....	do.....	161.20
20	F. E. Bonsteel.....	do.....	157.24
	C. A. Jensen.....	do.....	147.41
	W. M. Hinson.....	do.....	113.30
	Jay F. Warner.....	do.....	16.86
	F. Bennett, jr.....	do.....	147.11
21	W. T. Carter, jr.....	do.....	137.95
	T. H. Means.....	do.....	18.00
	M. H. Lapham.....	do.....	145.65
23	W. H. Knox.....	do.....	73.85
	J. C. Britton.....	do.....	143.39
	W. W. Cobey.....	do.....	41.35
	L. C. Holmes.....	do.....	33.43
	G. T. McNess.....	do.....	47.68
24	Chas. W. Ely.....	do.....	118.39
25	C. N. Mooney.....	do.....	83.70
	Marcus L. Floyd.....	do.....	28.76
26	C. Becker.....	Trunk.....	18.75
27	J. O. Martin.....	Traveling expenses.....	166.75
31	James A. Crotty.....	Salary.....	18.00
	James E. Byron.....	do.....	13.50
	F. H. King et al.....	Salaries.....	3,245.90
June 1	T. H. Means.....	Salary.....	34.34
	J. E. Lapham.....	do.....	119.20
	M. H. Lapham.....	do.....	136.20
	W. S. Lyman.....	do.....	85.20
	L. A. Kolbe.....	do.....	85.20
	W. H. Knox.....	do.....	102.20
	A. E. Kocher.....	do.....	85.20
	L. C. Holmes.....	do.....	85.20
	W. M. Hinson.....	do.....	170.40
	W. W. Green.....	do.....	51.00
	W. J. Geib.....	do.....	85.20
	A. M. Griffen.....	do.....	85.20
	M. L. Floyd.....	do.....	255.50
	Richard S. Epley.....	do.....	51.00
	Chas. W. Ely.....	do.....	85.20
	J. A. Drake.....	do.....	71.60
	C. L. Cooke.....	do.....	85.20
	T. A. Caine.....	do.....	102.20
	W. T. Carter, jr.....	do.....	85.20
	W. W. Cobey.....	do.....	127.80
	H. A. Clark.....	do.....	50.00
	E. P. Carr.....	do.....	85.20
	M. E. Carr.....	do.....	85.20
	J. C. Britton.....	do.....	85.20
	J. L. Burgess.....	do.....	85.20
	Rudolph Boss.....	do.....	61.40
	J. A. Bonsteel.....	do.....	213.00
	J. D. Butler.....	do.....	51.00
	F. E. Bonsteel.....	do.....	102.20
	H. L. Belden.....	do.....	85.20
	H. H. Bennett.....	do.....	85.20
	R. T. Avon Burke.....	do.....	102.20
	Lewis W. Ayer.....	do.....	102.20
	Orla L. Ayrs.....	do.....	85.20
	W. E. Tharp.....	do.....	85.20
	A. W. Mangum.....	do.....	102.20
	C. N. Mooney.....	do.....	102.20
	W. W. Mackie.....	do.....	85.20
	J. O. Martin.....	do.....	102.20
	F. N. Meeker.....	do.....	85.20
	G. B. Massey.....	do.....	153.40
	E. H. Mathewson.....	do.....	127.80
	W. E. McLendon.....	do.....	85.20
	T. D. Rice.....	do.....	102.20
	Harry Rich.....	do.....	85.20
	Otto Olson.....	do.....	71.60
	N. P. Neill.....	do.....	85.20
	A. H. Snyder.....	do.....	85.20
	A. T. Sweet.....	do.....	71.60
	F. D. Stevens.....	do.....	102.20
	A. T. Strahorn.....	do.....	85.20
	J. B. Stewart.....	do.....	127.80
	L. M. Ruhlen.....	do.....	85.20
	A. S. Root.....	do.....	85.20
	G. B. Jones.....	do.....	85.20
	H. J. Wilder.....	do.....	102.20
	H. Weinberg.....	do.....	102.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 1	W. J. Wood.....	Salary.....	\$66.40
	Jay F. Warner.....	do.....	85.20
	W. C. Taber.....	do.....	85.20
	F. C. Schroeder.....	do.....	85.20
	W. E. Hearn.....	do.....	102.20
	E. O. Fippin.....	do.....	119.20
	J. C. Hogenson.....	do.....	102.20
	J. O. Belz.....	do.....	119.20
	E. O. Fippin.....	Traveling expenses.....	94.09
	W. E. Hearn.....	do.....	149.40
	G. B. Jones.....	do.....	129.54
	A. H. Snyder.....	do.....	115.61
	T. D. Rice.....	do.....	102.99
	A. W. Mangum.....	do.....	114.42
	T. H. Means.....	do.....	53.45
	W. G. Smith.....	do.....	159.25
2	R. T. Avon Burke.....	do.....	128.17
	T. A. Caine.....	do.....	156.17
3	Elmer & Amend.....	Chemicals.....	4.35
	Francis Miller.....	Glass.....	1.05
	The Imperial Co.....	Bags.....	88.00
	Emil Greiner.....	Bulb.....	6.00
	do.....	Rubber stoppers.....	7.50
	Potomac Electric Power Co.....	Electric current.....	1.29
	National Electric Supply Co.....	Fans.....	89.00
4	The Torsion Balance Co.....	Scales.....	30.00
	The Geo. W. Knox Express Co.....	Transportation.....	6.86
	United States Express Co.....	do.....	53.93
	Adams Express Co.....	do.....	28.40
	do.....	do.....	128.18
	J. H. Lane & Co.....	Fertilizer, etc.....	1,153.04
	Washington Railway and Electric Co.....	Tickets.....	6.00
6	National Electrical Supply Co.....	Card, etc.....	8.03
	Queen & Co.....	Bottles.....	15.75
	do.....	do.....	9.45
	Remington Typewriter Co.....	Ribbons.....	2.75
	Hugh Reilly.....	Shellac.....	1.80
	E. G. Schafer.....	Couplings, etc.....	2.73
	Woodward & Lothrop.....	Soap, etc.....	5.34
	do.....	Sheeting.....	23.57
	Church & Stephenson.....	Lumber.....	4.00
	do.....	do.....	82.20
	do.....	do.....	200.50
	Potomac Electric Power Co.....	Electric current.....	20.15
	G. N. Saegmuller.....	Repairs to compasses.....	3.00
	do.....	do.....	1.50
	Emil Greiner.....	Rubber stoppers, etc.....	14.15
	do.....	Bottles.....	10.67
	The Okonite Co. (Limited).....	Wire.....	28.00
	Jno. Underwood.....	Carbon paper.....	9.40
	Mackall Bros.....	Apparatus.....	23.23
	Mallinckrodt Chemical Works.....	Chemicals.....	40.28
	Jas. B. Lambie & Co. (Incorporated).....	Drill attachment, etc.....	6.80
	do.....	Screws, etc.....	8.15
	W. & L. E. Gurley.....	Compasses.....	45.90
	Elmer & Amend.....	Chemicals, etc.....	32.18
	Wm. H. Dyer.....	Wire molding.....	12.00
	Wm. Ballantyne & Sons.....	Tags.....	9.04
	R. C. Ballantyne.....	Copying paper, etc.....	22.32
11	T. D. Rice.....	Traveling expenses.....	140.39
	L. W. Ayer.....	do.....	14.00
	Geo. B. Massey.....	do.....	35.25
	Harry Rich.....	do.....	34.11
	A. H. Snyder.....	do.....	12.40
	Eberhard Faber.....	Erasers.....	2.88
15	Jas. A. Crotty.....	Services.....	52.00
	Jas. E. Byron.....	do.....	22.20
	R. Collins.....	do.....	25.00
	J. C. Britton.....	Traveling expenses.....	27.44
	W. H. Lapham.....	do.....	187.35
	W. H. Helleman.....	do.....	73.15
	R. T. Avon Burke.....	do.....	104.98
	Geo. T. McNess.....	do.....	63.15
	E. H. Mathewson.....	do.....	47.48
	L. Carl Holmes.....	do.....	36.67
	C. W. Dorsey.....	do.....	86.30
	G. N. Coffey.....	do.....	109.94
	H. W. Marean.....	do.....	152.57
	C. A. Jensen.....	do.....	130.05
	W. G. Smith.....	do.....	149.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 15	F. Bennett, jr.	Traveling expenses	\$122.00
	F. E. Bonsteel.	do.	145.40
16	W. E. Hearn.	do.	148.23
	G. B. Jones.	do.	126.65
	J. E. Lapham.	do.	126.99
	C. N. Mooney.	do.	114.37
	J. O. Martin.	do.	139.14
17	H. J. Wilder.	do.	135.41
	W. M. Hinson.	do.	223.75
	C. W. Ely.	do.	12.38
	L. W. Ayer.	do.	22.64
	T. A. Caine.	do.	138.04
	A. W. Mangum.	do.	116.88
	W. T. Carter, jr.	do.	161.05
20	W. & L. E. Gureley.	Scales.	4.80
	J. Baumgarten & Sons.	Pad.	.72
	J. Bishop & Co.	Remaking dishes, etc.	14.17
	J. H. Bunnell & Co.	Sockets, etc.	30.05
	S. H. Davis & Co.	Repairs to odometers.	6.00
	M. Du Perow.	Cut-outs, etc.	21.58
	John C. Parker.	Pins, etc.	14.70
	D. F. Parker.	Paper.	9.60
	Rudolph, West & Co.	Emery cloth.	19.97
	Rudolph, West & Co.	Brads, etc.	22.16
	Potomac Electric Power Co.	Lamps.	16.00
	do.	Electric current.	13.78
	Mackall Bros.	Filters, etc.	52.03
	Geo. F. Muth & Co.	Lead, etc.	4.07
	Library Bureau.	Case and trays.	13.50
	Jas. B. Lambie Co. (Incorporated)	Label, plates, etc.	17.38
	Emil Geiner.	Repairs to pump.	7.50
	McCauley & McGill.	Gas, etc.	2.94
	Francis Miller.	Glass.	4.66
	F. A. Schmidt.	Pencils, etc.	45.30
	E. R. Squibb & Sons.	Litmus paper.	2.88
	Hugh Reilly.	Glue.	3.75
	Washington Gas Light Co.	Gas.	12.70
	Woodward & Lothrop.	Chairs, etc.	32.39
	Whitall Tatum Co.	Beakers, etc.	21.90
	Thos. Somerville & Sons.	Tube, etc.	11.52
21	W. H. Knox.	Traveling expenses.	23.50
22	W. W. Cobey.	do.	209.14
25	J. Garnett Holmes.	do.	54.81
	J. F. Warner.	do.	6.25
27	E. O. Fippin.	do.	132.00
	Jas. L. Burgess.	do.	68.08
30	E. A. Gstolder.	Salary.	46.50
	R. Collins.	do.	35.00
	H. L. Skidmore.	do.	9.00
	J. A. Cratty.	do.	50.00
	J. E. Byron.	do.	23.13
	F. H. King et al.	Salaries.	3,600.35
	Total, fourth quarter.		37,718.68
	Supplemental.		
July 1	Jay F. Warner.	Salary.	82.40
	H. A. Clark.	do.	50.00
	W. J. Wood.	do.	64.30
	J. B. Stewart.	do.	123.60
	T. A. Caine.	do.	98.90
	Lewis W. Ayer.	do.	98.90
	Orla L. Ayrs.	do.	82.40
	J. L. Burgess.	do.	82.40
	E. P. Carr.	do.	82.40
	M. E. Carr.	do.	82.40
	W. T. Carter, jr.	do.	82.40
	C. W. Ely.	do.	82.40
	W. J. Geib.	do.	82.40
	G. B. Jones.	do.	82.40
	A. E. Kocher.	do.	82.40
	W. W. Mackie.	do.	82.40
	F. N. Meeker.	do.	82.40
	A. S. Root.	do.	82.40
	L. M. Ruhlén.	do.	82.40
	A. H. Snyder.	do.	82.40
	A. T. Strahorn.	do.	82.40
	L. A. Hurst.	do.	82.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904			
July 1	H. S. Bennett.....	Salary.....	\$82.40
	Geo. B. Massey.....	do.....	148.30
	W. M. Hinson.....	do.....	164.80
	M. H. Lapham.....	do.....	131.90
	E. O. Fippin.....	do.....	115.40
	J. E. Lapham.....	do.....	115.40
	Henry J. Wilder.....	do.....	98.90
	R. T. Avon Burke.....	do.....	98.90
	T. D. Rice.....	do.....	98.90
	C. N. Mooney.....	do.....	98.90
	A. W. Mangum.....	do.....	98.90
	W. H. Knox.....	do.....	98.90
	W. E. Hearn.....	do.....	98.90
	F. E. Bonsteel.....	do.....	98.90
	J. A. Drake.....	do.....	69.20
	R. S. Epley.....	do.....	49.50
	M. L. Floyd.....	do.....	247.25
	W. C. Taber.....	do.....	82.40
	W. E. Tharp.....	do.....	82.40
	James D. Butler.....	do.....	49.50
	R. Boss.....	do.....	59.30
	W. W. Green.....	do.....	49.50
	Otto Olson.....	do.....	69.20
	J. C. Britton.....	do.....	82.40
	A. M. Griffen.....	do.....	82.40
	N. P. Neill.....	do.....	82.40
	Jay A. Bonsteel.....	do.....	206.00
	L. A. Kolbe.....	do.....	82.40
	C. L. Cooke.....	do.....	82.40
	W. E. McLendon.....	do.....	82.40
	Harry Rich.....	do.....	82.40
	A. T. Sweet.....	do.....	69.20
	H. L. Belden.....	do.....	82.40
	L. C. Holmes.....	do.....	82.40
	W. S. Lyman.....	do.....	82.40
	F. C. Schroeder.....	do.....	82.40
	F. D. Stevens.....	do.....	98.90
	J. O. Martin.....	do.....	98.90
	E. H. Mathewson.....	do.....	123.60
	Henry Weinberg.....	do.....	98.90
	W. W. Cobey.....	do.....	123.60
2	J. G. Holmes.....	do.....	19.78
	F. R. Reid.....	do.....	69.20
5	J. O. Belz.....	Traveling expenses.....	34.00
7	Church & Stephenson.....	Lumber.....	204.75
11	J. C. Britton.....	Traveling expenses.....	24.05
	F. K. Cameron.....	do.....	23.10
	G. B. Massey.....	do.....	116.00
14	Delano & Moore.....	Photo supplies, etc.....	9.90
15	L. W. Ayer.....	Traveling expenses.....	12.61
	W. H. Helleman.....	do.....	56.00
	E. H. Mathewson.....	do.....	30.97
	G. T. McNess.....	do.....	67.80
	Harry Rich.....	do.....	26.15
	J. B. Stewart.....	do.....	54.40
18	R. T. Avon Burke.....	do.....	132.65
	F. E. Bonsteel.....	do.....	112.38
	C. W. Ely.....	do.....	52.46
	M. L. Floyd.....	do.....	129.83
	L. C. Holmes.....	do.....	8.70
	J. G. Holmes.....	do.....	54.25
	G. B. Jones.....	do.....	124.15
	A. W. Mangum.....	do.....	84.49
	H. W. Marean.....	do.....	118.88
	F. R. Reid.....	do.....	53.40
	J. F. Warner.....	do.....	25.25
	Z. D. Gilman.....	Chemicals.....	27.50
	do.....	Flasks, etc.....	11.18
	W. B. Moses & Sons.....	File case, etc.....	508.40
	Potomac Electric Power Co.....	Electric current.....	3.28
	do.....	do.....	8.90
	Washington Gas Light Co.....	Gas.....	13.30
	Western Union Telegraph Co.....	Telegraph service.....	7.16
19	W. T. Carter, Jr.....	Traveling expenses.....	143.55
	W. W. Cobey.....	do.....	139.11
	Geo. N. Coffey.....	do.....	48.53
	E. O. Fippin.....	do.....	96.45
	W. E. Hearn.....	do.....	91.75
	Chas. A. Jensen.....	do.....	144.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 19	W. H. Knox.....	Traveling expenses.....	\$31.70
	J. E. Lapham.....	do.....	110.48
	J. O. Martin.....	do.....	152.49
	T. D. Rice.....	do.....	141.28
	W. G. Smith.....	do.....	159.05
	J. H. Bunnell & Co.....	Electric supplies.....	6.15
	S. H. Davis & Co.....	Odometers.....	45.00
	Eimer & Amend.....	Filter pumps, etc.....	29.10
	Emil Greiner.....	Stoppers.....	17.50
	Henry Heil Chemical Co.....	Tubing.....	7.70
	do.....	Chemicals, etc.....	2.09
	do.....	Glass tubing.....	1.69
	J. I. Holcomb.....	Brushes.....	6.17
	Geo. W. Miller.....	Paper.....	21.00
	do.....	do.....	17.00
	The Okonite Co. (Limited).....	Wire.....	4.00
	do.....	do.....	2.81
	Pratt & Whitney Co.....	Apparatus.....	215.30
	Queen & Co. (Incorporated).....	Chemicals.....	19.04
	do.....	do.....	9.05
	C. H. Stoelting Co.....	Screens.....	12.02
	do.....	Clamps.....	11.75
	do.....	Rubber rods.....	10.90
	A. H. Thomas Co.....	Flasks.....	7.53
	do.....	Blast lamps, etc.....	6.56
	A. L. Webb & Sons.....	Alcohol.....	22.95
	Whitall-Tatum Co.....	Beakers, etc.....	30.50
	do.....	Flasks.....	1.12
	Yawman & Erbe Manufacturing Co.....	Cases.....	8.00
20	Frank Bennett, jr.....	Traveling expenses.....	139.56
	T. A. Caine.....	do.....	152.74
	C. W. Dorsey.....	do.....	101.95
	N. M. Hinson.....	do.....	306.89
	M. H. Lapham.....	do.....	108.25
	C. N. Mooney.....	do.....	145.68
	H. J. Wilder.....	do.....	144.70
	Wm. F. Bowen.....	Cans.....	36.50
	R. C. M. Burton & Son.....	Canvas.....	7.25
	Frederick Carl.....	Repairs, etc.....	4.85
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	Densmore Typewriter Co.....	Typewriter pads.....	1.50
	C. R. Edmonston.....	Bougies, etc.....	82.88
	Frosberg & Murray.....	Pump.....	93.00
	Geo. W. Knox Express Co.....	Transportation.....	.59
	Julius Lansburg.....	Couch and chairs.....	63.00
	Mackall Bros.....	Flasks.....	98.20
	Francis Miller.....	Oil, etc.....	11.75
	McCauley & McGill.....	Gas tube.....	2.50
	Rudolph, West & Co.....	Locks.....	26.75
	Wm. H. Rupp Co.....	Note books, etc.....	11.69
	Hugh Reilly.....	Shellac.....	3.60
	Standard Oil Co.....	Oil.....	1.75
	E. G. Schafer & Co.....	Plumber's material.....	61.45
	do.....	do.....	1.88
	do.....	Globe valve.....	3.00
	F. A. Schmidt.....	Dotting pens.....	15.30
	do.....	Drawing paper, etc.....	84.09
	J. Geo. Smith.....	Penholders.....	1.80
	Geo. W. Spier.....	Clock.....	7.40
	Thos. Somerville & Sons.....	Threads, etc.....	75.52
	do.....	Tubing, etc.....	3.00
	Washington Railway and Electric Co.....	Car tickets.....	6.00
	Woodward & Lothrop.....	Desks, etc.....	295.20
	Geo. W. Spier.....	Clock.....	7.40
23	F. E. Bonsteel.....	Traveling expenses.....	11.50
	J. L. Burgess.....	do.....	93.56
	M. L. Floyd.....	do.....	8.25
	Pennsylvania R. R. Co.....	Passenger transportation.....	105.80
	do.....	do.....	19.40
	do.....	do.....	52.02
	do.....	do.....	31.80
	Southern Rwy. Co.....	do.....	84.60
	do.....	do.....	15.60
	do.....	do.....	60.29
	do.....	do.....	15.30
	Washington Southern Rwy. Co.....	Expenses.....	4.70
26	A. G. Rice.....	Installing electric light, etc.....	55.16
30	J. E. Crandall.....	do.....	37.30
	Texas and New Orleans R. R. Co.....	Passenger transportation.....	12.60
	Houston and Texas Central R. R. Co.....	do.....	12.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 30	Ann Arbor R. R. Co.	Passenger transportation.....	\$15.20
	New York Central and Hudson River R. R.	do.....	28.10
	Oregon Short Line R. R. Co.	do.....	34.80
	do.....	do.....	13.10
	Northern Pacific Rwy. Co.	do.....	4.85
	New York, Philadelphia and Norfolk R. R. Co.	do.....	12.60
	New Orleans and Northeastern R. R.	do.....	17.30
	New York, New Haven and Hartford R. R. Co.	do.....	7.55
	do.....	do.....	17.35
	Atlantic Coast Line R. R. Co.	do.....	51.80
	do.....	do.....	26.75
	Chesapeake and Ohio R. R. Co.	do.....	28.10
	Chicago and Northwestern Rwy. Co.	do.....	33.00
	International and Great Northern R. R.	do.....	100.20
	Maricopa and Phoenix and Salt River Valley R. R. Co.	Freight.....	276.82
	do.....	Passenger transportation.....	37.20
	Louisville and Nashville R. R.	do.....	44.35
	M. L. Floyd.....	Traveling expenses.....	125.90
Aug. 2	W. H. Heileman.....	do.....	8.35
3	Jas. B. Lambie Co. (Incorporated).....	Iron, etc.....	24.50
	T. Somerville & Sons.....	Galvanized pipe, etc.....	59.65
	Delano & Moore.....	Solio paper.....	33.70
	John C. Parker.....	Pads, etc.....	13.53
	National Electric Supply Co.	Desk fans.....	51.00
	Mackall Bros.....	Flasks, etc.....	27.09
	W. B. Moses & Sons.....	Rug, etc.....	291.25
	Thos. Somerville & Sons.....	Tank and pump.....	16.90
	do.....	Lead tubing, etc.....	23.35
12	E. G. Schafer & Co.....	Ells.....	3.63
	F. Bennett, jr.....	Traveling expenses.....	9.64
	M. H. Lapham.....	do.....	26.00
	E. H. Mathewson.....	do.....	3.00
16	Western Union Telegraph Co.	Telegraph service.....	9.65
	J. E. Crandall.....	Telephones, etc.....	363.40
	Z. D. Gilman.....	Rubber tubing, etc.....	60.00
17	Andrus & Church.....	Paper.....	1.64
	Barber & Ross.....	Buckets, etc.....	11.05
	The Hartford Tobacco Association.....	Rent.....	2.00
	The Geo. W. Knox Express Co.	Freight.....	11.21
	do.....	do.....	1.25
	Geo. F. Muth & Co.....	White lead, etc.....	104.78
	A. J. Murphy.....	Rent.....	4.00
	W. B. Page.....	do.....	5.50
	Rudolph, West & Co.....	Baskets.....	8.40
	Jno. Sprott.....	Rent.....	5.00
	O. H. Meinges.....	do.....	20.00
	Woodward & Lothrop.....	Cuspidors.....	1.49
18	H. C. Babcock.....	Rent.....	100.00
	Kellogg Switchboard and Supply Co.	Desk stand.....	8.75
	The Torsion Balance Co.....	Repairs to scales.....	1.30
	Western Electric Co.....	Electrolytic bridges.....	40.00
	Library Bureau.....	Stand.....	5.00
22	B. C. Maroney.....	Land rent.....	5.50
	T. Maroney.....	do.....	4.00
27	B. F. Bridges.....	Rent.....	80.00
Sept. 14	U. S. Express Co.....	Transportation.....	8.65
	do.....	do.....	10.65
19	Pacific Coast S. S. Co.	Passenger transportation.....	18.00
	Oregon Short Line R. R. Co.	do.....	17.40
	Atlantic Coast Line R. R. Co.	do.....	28.95
	Chicago and Northwestern Rwy. Co.	do.....	13.23
	Chicago, Burlington and Quincy Rwy. Co.	do.....	28.65
	Chicago and Alton Rwy. Co.	do.....	7.50
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.....	30.85
	Pennsylvania Company.....	do.....	12.95
	Baltimore and Ohio R. R. Co.	do.....	9.70
	do.....	do.....	71.50
	The Pullman Co.....	do.....	5.50
	The Wabash R. R. Co.....	do.....	27.65
	Chesapeake and Ohio Rwy. Co.	do.....	38.15
	Southern Rwy. Co.....	do.....	26.10
	Seaboard Air Line Rwy.....	do.....	19.35
	International and Great Northern R. R. Co.	do.....	3.40
	do.....	do.....	1.95
	New York, New Haven and Hartford R. R. Co.	do.....	8.17
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	do.....	46.50

124 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. Sept. 19	Pittsburg, Cincinnati, Chicago and St Louis Rwy. Co.	Passenger transportation.....	\$80.64
	Northern Pacific Rwy. Co.....	do.....	40.00
	do.....	do.....	7.15
	do.....	do.....	32.55
	Houston East and West Rwy. Co.....	do.....	7.30
	Southern Pacific Co.....	do.....	116.60
	do.....	do.....	288.25
	Houston and Texas Central Rwy. Co.....	do.....	44.45
	Louisville and Nashville R. R. Co.....	do.....	73.19
	The Delaware and Hudson Co.....	do.....	26.62
20	Adams Express Co.....	Transportation.....	74.06
	The Chesapeake and Potomac Telephone Co.	Moving telephone.....	8.53
	Boston Gear Works.....	Gear.....	1.75
24	Church & Stephenson.....	Lumber.....	27.00
	Western Union Telegraph Co.....	Telegraph service.....	9.93
26	Slater Brick Co.....	Tile.....	24.35
	Total.....		16,131.59

RECAPITULATION.

Total first quarter.....	\$28,331.51
Total second quarter.....	36,286.39
Total third quarter.....	41,886.30
Total fourth quarter.....	37,718.68
Total supplemental.....	16,131.59
Total.....	160,354.47

PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1903. Nov. 10	Southern Pacific Co.....	Passenger transportation.....	\$7.50
1904. Feb. 17	do.....	do.....	123.60
	do.....	do.....	3.65
Apr. 14	Northern Pacific R. R. Co.....	do.....	42.15
23	Union Pacific R. R. Co.....	do.....	191.70
Sept. 8	Southern Pacific Co.....	do.....	115.15
	do.....	do.....	114.40
	Total.....		598.15

SPECIAL DISBURSING AGENT.

1903. Sept. 17	Garrett Holmes.....		\$2,000.00
Nov. 13	do.....		500.00
1904. Jan. 11	do.....		215.50
	Total.....		2,715.50

SOIL INVESTIGATIONS—RENT

1903. Aug. 4	Jno. F. Shea.....	Rent, July.....	\$110.00
7	W. A. Brown.....	do.....	50.00
Sept. 11	Jno. F. Shea.....	Rent, August.....	110.00
	W. A. Brown.....	do.....	50.00
	Total, first quarter.....		320.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS—RENT—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 8	Jno. F. Shea.....	Rent, September.....	\$110.00
	Walter A. Brown.....	do.....	50.00
Nov. 5	do.....	Rent, October.....	50.00
	Jno. F. Shea.....	do.....	110.00
Dec. 5	do.....	Rent, November.....	110.00
	Walter A. Brown.....	do.....	50.00
	Total, second quarter.....		480.00
1904.			
Jan. 8	Jno. F. Shea.....	Rent, December, 1903.....	110.00
	Walter A. Brown.....	do.....	50.00
Feb. 3	Jno. F. Shea.....	Rent, January, 1904.....	110.00
	W. A. Brown.....	do.....	50.00
Mar. 2	Jno. F. Shea.....	Rent, February.....	110.00
	W. A. Brown.....	do.....	50.00
	Total, third quarter.....		480.00
Apr. 13	Jno. F. Shea.....	Rent, March.....	110.00
	W. A. Brown.....	do.....	50.00
May 6	Jno. F. Shea.....	Rent, April.....	110.00
	W. A. Brown.....	do.....	50.00
June 4	Jno. F. Shea.....	Rent, May.....	110.00
	W. A. Brown.....	do.....	50.00
	Total.....		480.00
	Supplemental.		
1904.			
July 6	W. A. Brown.....	Rent, June.....	50.00
14	Jno. F. Shea.....	do.....	110.00
	Total.....		160.00
	Total rent for year.....		1,920.00

ENTOMOLOGY.

1903.			
July 21	Jacob Kotinsky.....	Traveling expenses.....	\$34.87
25	Townsend-Barber Taxidermy and Zoo Co.....	Species of Coccidæ.....	21.50
	Morrill & Morley.....	Spray pump, etc.....	17.00
29	Adler Color & Chemical Works.....	Chemicals.....	8.70
Aug. 1	A. L. Quaintance.....	Salary.....	134.80
	E. S. G. Titus.....	do.....	100.00
3	W. D. Hunter.....	do.....	189.55
	W. E. Hinds.....	do.....	126.40
	G. H. Harris.....	do.....	125.00
	A. W. Morrill.....	do.....	100.00
	W. F. Fiske.....	do.....	50.00
4	Theo. Pergande.....	Traveling expenses.....	33.00
14	W. D. Hunter.....	do.....	153.80
	A. L. Quaintance.....	do.....	80.36
15	Ernest Betz.....	Labels.....	8.00
17	Queen & Co. (Incorporated).....	Paraffin.....	.50
18	Z. D. Gilman.....	Chemicals.....	.66
19	W. D. Hunter.....	Expenses.....	43.10
	Warren E. Hinds.....	Traveling expenses.....	28.00
	Henry Heil Chemical Co.....	Pipettes.....	2.70
	Bausch & Lomb Optical Co.....	Field glass.....	3.75
	do.....	Dissecting set, etc.....	9.40
	Library Bureau.....	Cards.....	11.10
	American Entomological Co.....	Forceps, etc.....	6.40
	E. S. Peters.....	Hire of horse.....	15.00
	Geo. H. Harris.....	Traveling expenses.....	19.22
	A. W. Morrill.....	do.....	89.98
20	Kny-Scheerer Co.....	Apparatus.....	5.00
	Queen & Co. (Incorporated).....	Chemicals.....	8.00
24	Jacob Kotinsky.....	Traveling expenses.....	13.11
26	F. C. Pratt.....	do.....	64.35
Sept. 1	E. S. G. Titus.....	Salary.....	100.00
	Geo. H. Harris.....	do.....	126.40
	W. F. Fiske.....	do.....	50.00

126 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 1	Warren E. Hinds.....	Salary.....	\$126.40
	A. W. Morrill.....	do.....	100.00
	A. L. Quaintance.....	do.....	134.80
	Walter D. Hunter.....	do.....	189.55
8	E. A. Schwarz.....	Traveling expenses.....	11.85
10	E. S. G. Titus.....	do.....	11.85
16	L. O. Howard.....	do.....	62.80
17	G. W. Carver.....	do.....	56.06
	W. Knaus.....	Specimens of insects.....	10.00
18	Houston and Texas Central R. R. Co.....	Passenger transportation.....	13.50
19	Southern Rwy. Co.....	do.....	35.00
	New York, Texas and Mexican Rwy. Co.....	do.....	24.55
	Georgia, Florida and Alabama Rwy. Co.....	do.....	7.76
21	Brentanos.....	Repairs to pen.....	.50
	Lamb & Tilden.....	Punch.....	5.00
	Fred. A. Schmidt.....	Wire.....	1.00
22	A. W. Morrill.....	Traveling expenses.....	50.08
	W. E. Hinds.....	do.....	28.00
	G. H. Harris.....	do.....	19.22
	W. D. Hunter.....	do.....	145.65
	do.....	Expenses.....	56.65
	A. L. Quaintance.....	do.....	26.87
	do.....	Traveling expenses.....	78.04
24	Library Bureau.....	Tin trays, etc.....	25.00
	E. S. Peters.....	Use of horse.....	15.00
	Z. D. Gilman.....	Chemicals.....	8.05
	Bausch & Lomb Optical Co.....	Vials, etc.....	9.08
28	James S. Hine.....	Traveling expenses.....	124.30
	A. N. Candell.....	do.....	192.20
	do.....	do.....	107.80
30	C. L. Marlatt et al.....	Salaries.....	1,586.80
	Total, first quarter.....		5,051.01
Oct. 5	A. W. Morrill.....	Salary.....	100.00
	Geo. H. Harris.....	do.....	123.60
	Walter D. Hunter.....	do.....	183.40
	W. F. Fiske.....	do.....	50.00
	Warren E. Hinds.....	do.....	122.20
	A. L. Quaintance.....	do.....	130.40
6	E. S. G. Titus.....	do.....	100.00
	do.....	Traveling expenses.....	25.10
10	Rudolph, West & Co.....	Shears.....	.90
12	Fred. A. Schmidt.....	Rules.....	1.20
	Dulin & Martin Co.....	Jars.....	6.00
	F. W. Bolgiano & Co.....	Bags.....	1.92
19	A. L. Quaintance.....	Traveling expenses.....	64.42
	do.....	Expenses.....	43.58
	A. W. Morrill.....	Traveling expenses.....	123.08
	Warren E. Hinds.....	do.....	28.00
	G. H. Harris.....	do.....	19.50
21	W. D. Hunter.....	Expenses.....	48.84
	do.....	Traveling expenses.....	85.80
	Bausch & Lomb Optical Co.....	Lens.....	3.00
22	American Entomological Co.....	Pins.....	29.75
	Queen & Co. (Incorporated).....	Boxes.....	5.52
23	Frank Benton.....	Traveling expenses.....	90.74
	American Cycle Manufacturing Co.....	Tire.....	3.75
	W. G. Fowler.....	Use of horse.....	10.00
	L. L. Laycock.....	do.....	30.00
	J. F. McCann.....	Rent.....	48.00
28	Mackall Bros.....	Cotton.....	1.25
31	Southern California Rwy.....	Passenger transportation.....	3.00
	Pennsylvania R. R. Co.....	do.....	25.00
	do.....	do.....	9.50
	New York, New Haven & Hudson R. R. Co.....	do.....	11.55
	The Pullman Co.....	do.....	21.00
	New York, Texas and Mexican Rwy. Co.....	do.....	32.40
	do.....	do.....	14.70
	Missouri, Kansas and Texas Rwy. Co.....	do.....	5.55
	Galveston, Harrisburg and San Antonio Rwy. Co.....	do.....	13.90
	Houston and Texas Central R. R. Co.....	do.....	17.25
	Pennsylvania R. R. Co.....	do.....	75.75
	L. O. Howard.....	Traveling expenses.....	12.85
	C. L. Marlatt et al.....	Salaries.....	1,636.80
Nov. 2	E. S. G. Titus.....	Salary.....	100.00
	G. H. Harris.....	do.....	125.00
	W. D. Hunter.....	do.....	189.55

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 2	A. L. Quaintance.....	Salary.....	\$134.80
	Warren E. Hinds.....	do.....	126.40
	A. W. Morrill.....	do.....	100.00
3	Geo. W. Carver.....	Traveling expenses.....	76.40
	Warren E. Hinds.....	do.....	72.30
4	Pope Manufacturing Co., Washington branch.	Repairs.....	2.35
	Gustav Eisen.....	Insects from Gautemala.....	115.00
5	A. L. Quaintance.....	Traveling expenses.....	66.65
	do.....	Expenses.....	16.65
6	W. F. Fiske.....	Salary.....	50.00
19	Warren E. Hinds.....	Traveling expenses.....	21.75
	G. H. Harris.....	do.....	60.62
	A. W. Morrill.....	do.....	58.20
	W. D. Hunter.....	Expenses.....	47.33
	Frank Benton.....	Traveling expenses.....	1.00
21	Rudolph, West & Co.....	Oil stone, etc.....	5.35
	The Chesapeake and Potomac Telephone Co.	Telephone service.....	6.25
23	W. D. Hunter.....	Traveling expenses.....	142.40
	Bausch & Lomb Optical Co.....	Objective.....	3.90
	L. L. Laycock.....	Use horse and buggy.....	30.00
	Queen & Co. (Incorporated).....	Cork.....	1.25
30	C. L. Marlatt et al.....	Salaries.....	1,586.80
Dec. 1	The M. Lindsay Rubber Co.....	Syringe.....	2.40
	Geo. F. Muth Co.....	Lantern, etc.....	3.25
	W. B. Moses & Sons.....	Indexes.....	3.00
	Lamb & Tilden.....	Rock.....	.65
	Delano & Moore.....	Films and prints.....	3.09
2	Elphonzo Youngs.....	Insect powder.....	4.50
	W. G. Fowler.....	Use of horse.....	10.00
3	A. L. Quaintance.....	Traveling expenses.....	18.72
	do.....	do.....	78.40
	E. S. G. Titus.....	Salary.....	100.00
	A. L. Quaintance.....	do.....	130.40
4	A. W. Morrill.....	do.....	100.00
	G. H. Harris.....	do.....	122.20
	Warren E. Hinds.....	do.....	122.20
	Walter D. Hunter.....	do.....	183.40
8	W. F. Fiske.....	do.....	50.00
10	Warren E. Hinds.....	Traveling expenses.....	28.00
	G. H. Harris.....	do.....	40.55
	Mrs. S. C. Depue.....	Shades and screens.....	21.00
	Chas. Shore.....	Tire.....	4.00
11	Brentanos.....	Pens.....	7.50
14	American Can Co.....	Tin boxes.....	100.00
	W. H. Arnett.....	Use of horse.....	10.00
	L. L. Laycock.....	Use of horse and buggy.....	30.00
15	L. O. Howard.....	Traveling expenses.....	20.00
17	W. D. Hunter.....	Expenses.....	55.30
18	Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation.....	3.80
	Houston and Texas Central R. R. Co.....	do.....	38.80
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do.....	25.50
	The Kansas City Southern Rwy. Co.....	do.....	8.15
	St. Louis Southeastern Rwy. Co. of Texas.....	do.....	3.45
19	Church & Stephenson.....	Partition.....	2.10
	W. D. Hunter.....	Traveling expenses.....	165.55
21	Geo. F. Muth & Co.....	Atomizer.....	1.50
	Z. D. Gilman.....	Chloroform.....	5.40
	W. B. Moses & Sons.....	Indexes.....	3.60
	John C. Parker.....	Pen fillers.....	1.00
	Library Bureau.....	Case and cards.....	14.25
23	A. W. Morrill.....	Traveling expenses.....	45.31
31	C. L. Marlatt et al.....	Salaries.....	1,636.60
	Total, second quarter.....		9,702.52
1904.			
Jan. 2	E. S. G. Titus.....	Salary.....	100.00
4	A. L. Quaintance.....	Traveling expenses.....	3.00
	Walter D. Hunter.....	Salary.....	189.55
	A. W. Morrill.....	do.....	100.00
	A. L. Quaintance.....	do.....	134.80
	G. H. Harris.....	do.....	126.40
6	W. D. Hunter.....	Expenses.....	28.50
	do.....	Traveling expenses.....	102.85
	G. H. Harris.....	do.....	62.31
	W. F. Fiske.....	Salary.....	50.00
	Warren E. Hinds.....	do.....	126.40

128 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 12	L. O. Howard	Traveling expenses	\$64.95
16	A. W. Morrill	do	92.32
	Warren E. Hinds	do	39.98
18	Arthur H. Thomas	Circles	.60
	H. Baum & Son	Tables	11.00
	J. E. Bromwell & Sons	Keys	1.80
	L. L. Laycock	Use horse and buggy	21.29
	J. F. McCann	Rent	48.00
22	R. S. Clifton	Traveling expenses	12.25
25	New York, Texas and Mexican Rwy. Co	Passenger transportation	30.95
	do	do	20.75
26	Maddox & Hayden	Jar	29.00
	Bausch & Lomb Optical Co	Triplet	3.00
	Adams Express Co.	Transportation	57.59
27	Rudolph, West & Co.	Checks and springs	4.08
	do	Locks, etc	5.58
	S. S. Shedd & Bro. Co.	Radiator	4.15
	The Geo. W. Knox Express Co.	Transportation	1.89
29	Library Bureau	Cards	14.40
	Queen & Co. (Incorporated)	Cork	9.00
31	C. L. Marlatt et al.	Salaries	1,905.70
Feb. 1	A. W. Morrill	Salary	100.00
	Warren E. Hinds	do	127.70
	Walter D. Hunter	do	191.60
	W. F. Fiske	do	50.00
2	Geo. H. Harris	do	127.70
	A. L. Quaintance	do	136.30
6	Geo. H. Harris	Traveling expenses	44.50
	C. L. Marlatt	do	17.85
8	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
	do	do	1.02
9	Francis Miller	Glass	4.04
	Maddox & Hayden	Jar, etc	27.95
	P. Mann & Co.	Atomizer	.80
	Washington Gaslight Co.	Gas	2.10
	S. S. Shedd & Bro. Co.	Gas radiator, etc.	8.10
	Woodward & Lothrop	Chairs	5.70
	The Maurice Joyce Engraving Co.	Engraving labels	1.35
12	Mallinckrodt Chemical Works	Sodium	.24
	T. J. King	Cotton seed	400.00
	American Entomological Co.	Insect boxes, etc.	27.50
	J. A. Shine	Cotton seed	380.00
	do	do	194.38
	Henry J. Green	Thermometers	8.00
18	Houston and Texas Central R. R. Co.	Passenger transportation	34.00
	do	do	59.50
	do	do	28.65
	New York, Texas and Mexican Rwy. Co.	do	163.80
	Texas Midland R. R.	do	15.25
	The Missouri Pacific Rwy. Co.	do	32.25
	Morgans Louisiana and Texas R. R. and S. S. Co.	do	14.65
	Washington Southern Rwy. Co.	do	54.05
	Galveston, Harrisburg and San Antonio Rwy. Co.	do	6.30
23	Mrs. M. V. Slingerland	Slides	32.73
	Queen & Co. (Incorporated)	Paper and boxes	15.18
	Bausch & Lomb Optical Co.	Repairs	1.00
24	The Geo. W. Knox Express Co.	Transportation	2.51
	Thomas Woodason	Bellows	3.50
	Washington Gaslight Co.	Gas	6.90
	Rudolph, West & Co.	Locks	5.55
	Church & Stephenson	Lumber	28.80
	Franklin & Co.	Glass	.40
27	Postal Telegraph-Cable Co.	Telegraph service	2.80
	Western Union Telegraph Co.	do	9.75
29	W. F. Fiske	Salary	60.00
	A. W. Morrill	do	100.00
	Walter D. Hunter	do	199.20
	Warren E. Hinds	do	119.60
	A. L. Quaintance	do	159.40
	C. L. Marlatt	Salaries	1,919.60
Mar. 2	Charles Shore	Repairs to bicycle	2.50
3	Geo. H. Harris	Salary	119.60
	E. J. Pullman	Slides	6.50
4	A. R. Dearborn & Co.	Typewriter cabinet	13.00
	Capers Dickson	Cotton seed	45.00
	Georgia Experiment Stations	do	25.00
10	Geo. H. Harris	Traveling expenses	70.92
	do	Expenses	5.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	U. S. Express Co.	Transportation.	\$43.04
18	Church & Stephenson.	Lumber.	28.27
	The Pullman Co.	Passenger transportation.	16.00
	do.	do.	10.00
	Southern Rwy. Co.	do.	39.30
	The Texas and Pacific Rwy. Co.	do.	4.75
	Southern Printers Supply Co.	Electros.	1.40
21	The Publishers and Printers Engraving Co.	Engravings.	1.75
	Library Bureau.	Label holders.	8.20
	Bausch & Lomb Optical Co.	Labels, etc.	16.79
	The Deming Co.	Sprayer.	13.15
22	Fred. A. Schmidt.	Scales.	1.45
	Rudolph, West & Co.	Locks.	2.43
	E. J. Pullman.	Slides.	3.50
	P. J. Mulligan.	Meal.	1.25
	Mackall Bros.	Sulphur, etc.	4.00
	Lamb & Tilden.	Stencils.	2.35
	Delano & Moore.	Studio cutter, etc.	2.97
	do.	Photo supplies.	33.20
	Brentanos (Incorporated)	Fountain pen (repairing)	.50
	J. T. Walker Sons.	Lime.	.40
	Geo. Shilling.	Label gauges.	6.30
28	New York, Texas, and Mexican Rwy. Co.	Passenger transportation.	13.60
29	B. D. Wilson.	Cotton seed.	25.00
31	A. L. Quaintance.	Salary.	170.30
	C. L. Marlatt et al.	Salaries.	2,171.16
	Total third quarter.		11,249.62
Apr. 4	W. F. Fiske.	Salary.	60.00
	Geo. H. Harris.	do.	127.70
	Walter D. Hunter.	do.	212.90
	Warren E. Hinds.	do.	127.70
	A. W. Morrill.	do.	100.00
9	W. B. Moses & Sons.	Tables, etc.	19.90
	M. Carmody.	Drawings.	45.00
	The Geo. W. Knox Express Co.	Transportation.	.25
	J. F. McCann.	Rent.	48.00
11	American Entomological Co.	Pins, etc.	22.30
	do.	Boxes.	30.27
12	Emil Greiner.	Stoppers.	25.00
	Whitall, Tatum Co.	Corks, etc.	19.65
	Spencer Lens Co.	Magnifiers.	8.11
	do.	Insect holders.	8.14
	A. C. Rowe.	Fire extinguisher.	12.00
	The Publishers and Printers Engraving Co.	Engraving.	8.82
13	Geo. S. Fraser, administrator.	Rent.	300.00
14	Z. D. Gilman.	Roach food.	.50
	Remington Typewriter Co.	Repairs.	15.50
	Thomas R. Riley.	Lumber.	3.76
	E. J. Pullman.	Slides.	2.50
	National Electric Supply Co.	Repairing fan.	5.00
	Mackall Bros.	Alcohol.	.75
15	John F. Barghausen.	Salary.	39.00
18	Postal Telegraph-Cable Co.	Telegraph service.	.40
19	Queen & Co. (Incorporated)	Alcohol.	18.00
	T. J. King.	Transportation.	156.00
	American Entomological Co.	Boxes.	27.50
	G. H. Harris.	Traveling expenses.	84.70
	do.	Expenses.	10.50
20	The Geo. W. Knox Express Co.	Transportation.	4.58
	D. Frank Parker.	Ink.	1.50
	James B. Lambie Co. (Incorporated)	Hardware.	8.01
	Lamb & Tilden.	Racks.	.50
	S. Kahn Sons & Co.	Linen, etc.	7.25
	Southern Printers Supply Co.	Electros.	.15
	do.	do.	.15
	Whitall, Tatum Co.	Vials, etc.	36.28
	Bausch & Lomb Optical Co.	Forceps.	144.05
	Library Bureau.	Case.	5.00
21	Frank Benton.	Traveling expenses.	3.00
23	A. D. Hopkins.	do.	33.00
28	New York, Texas and Mexican Rwy. Co.	Passenger transportation.	5.00
	Houston East and West Texas Rwy. Co.	do.	6.00
	Houston and Texas Central R. R. Co.	do.	12.35
	The Chesapeake and Potomac Telephone Co.	Telephone service.	6.25
29	American Entomological Co.	Labels.	55.00
30	John F. Barghausen.	Salary.	3.00
	A. L. Quaintance.	do.	164.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 30	C. L. Marlatt et al.	Salaries.	\$2,041.00
May 2	W. F. Fiske.	Salary.	60.00
	Warren E. Hinds.	do.	123.60
	Walter D. Hunter.	do.	206.00
	A. W. Morrill.	do.	100.00
9	G. H. Harris.	do.	123.60
13	The Maurice Joyce Engraving Co.	Engraving.	.75
	Western Union Telegraph Co.	Telegraph service.	17.91
	Barber & Ross.	Wire, etc.	3.01
	F. W. Bolgiano & Co.	Planet.	4.75
16	Charles Shore.	Repairs to wheels.	3.00
	Adams Express Co.	Transportation.	60.60
	Rudolph, West & Co.	Chest handles.	.75
	Yawman & Erbe Manufacturing Co.	Card sections, etc.	43.75
	Bausch & Lomb Optical Co.	Lens holders.	6.75
	W. F. Fiske.	Traveling expenses.	44.25
	G. H. Harris.	do.	86.45
19	Z. D. Gilman.	Naphthaline.	1.00
	Delano & Moore.	Films, etc.	22.21
24	Frank C. Henry.	Pyrethrum powder.	5.00
26	Southern Rwy. Co.	Passenger transportation.	35.95
27	Jacob Kotinsky.	Traveling expenses.	32.82
31	Wm. L. Phillips.	Salary.	39.00
	C. L. Marlatt et al.	Salaries.	2,058.00
June 1	A. L. Quaintance.	Salary.	170.40
2	W. F. Fiske.	do.	60.00
3	Church & Stephenson.	Lumber.	30.95
	Yawman & Erbe Manufacturing Co.	Card section.	8.00
	The Randolph Paper Box Co.	Boxes.	43.45
	Remington Typewriter Co.	Cylinder.	1.20
8	W. D. Hunter.	Salary.	213.00
	A. W. Morrill.	do.	100.00
	W. E. Hinds.	do.	127.80
11	G. H. Harris.	do.	127.80
	do.	Traveling expenses.	84.50
	W. F. Fiske.	do.	42.06
	J. L. Webb.	do.	33.65
	H. E. Burke.	do.	23.25
15	Wm. L. Phillips.	Services.	39.00
20	Geo. F. Muth & Co.	Benzine.	.20
	Chas. R. Edmonston.	Strainers, etc.	2.20
	Blue Line Transfer Co.	Drayage.	.50
	Library Bureau.	Jackets and cases.	114.50
	do.	Guides.	10.75
	Edm. Reither.	Specimens.	3.20
	Woodward & Lothrop.	Matting, etc.	27.95
	Arthur H. Thomas Co.	Circles.	4.00
29	A. D. Hopkins.	Traveling expenses.	146.50
30	Wm. L. Phillips.	Salary.	39.00
	C. L. Marlatt et al.	Salaries.	2,026.00
	Total fourth quarter.		10,636.33
	Supplemental.		
1904.			
July 2	W. F. Fiske.	Salary.	60.00
5	F. H. Chittenden.	Traveling expenses.	30.00
	Geo. S. Fraser.	Rent.	180.00
6	F. C. Pratt.	Traveling expenses.	24.10
	W. E. Hinds.	Salary.	123.60
	W. D. Hunter.	do.	206.00
	A. W. Morrill.	do.	100.00
	A. L. Quaintance.	do.	164.80
9	G. H. Harris.	Services.	123.63
	E. S. G. Titus.	Traveling expenses.	105.71
	do.	do.	3.30
	Theo. Pergande.	do.	20.60
14	J. P. McCann.	Rent.	48.00
18	W. B. Moses & Sons.	Bookcase.	18.00
19	American Entomological Co.	Mounts, etc.	11.83
	American Writing Machine Co.	Paper.	38.00
	The Hoggson & Pettis Manufacturing Co.	Cloths.	3.33
	Queen & Co., Incorporated.	Evaporating dishes.	1.44
20	Columbia National Sand Dredging Co.	Sand.	3.15
	Francis Miller.	Glass.	1.85
	F. P. May.	Padlocks.	.60
	Remington Typewriter Co.	Card cylinder.	2.45
	Rudolph, West & Co.	Holders.	2.50
	J. L. Webb.	Traveling expenses.	75.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 23	G. H. Harris.....	Expenses.....	\$5.10
	do.....	Traveling expenses.....	82.55
	Pennsylvania R. R. Co.....	Passenger transportation.....	10.10
	Southern Rwy. Co.....	do.....	35.00
30	Missouri, Kansas & Texas Rwy. Co.....	do.....	16.90
	Georgia, Florida & Alabama Rwy. Co.....	do.....	6.75
	The Atchison, Topeka & Santa Fe Rwy. Co.....	do.....	25.80
	Carabelle, Tallahassee & Georgia R. R. Co.....	do.....	5.00
	Seaboard Air Line Rwy.....	do.....	6.80
	Northern Pacific Rwy. Co.....	do.....	4.55
Aug. 2	H. E. Burke.....	Traveling expenses.....	47.05
3	The Chesapeake & Potomac Telephone Co.....	Telephone service.....	6.25
	Delano & Moore.....	Rubber bulb and tubing.....	.22
	Jno. B. Espey.....	Lock and keys.....	1.20
	M. Du Perow.....	Electric supplies.....	19.42
	Woodward & Lothrop.....	Cotton.....	1.20
17	Geo. F. Muth & Co.....	Lead.....	19.13
Sept. 14	United States Express Co.....	Transportation.....	36.99
	do.....	do.....	40.83
19	San Pedro, Los Angeles and Salt Lake R. R. Co.....	Passenger transportation.....	4.15
	Southern Rwy. Co.....	do.....	27.20
	The Pullman Co.....	do.....	31.25
	do.....	do.....	9.50
	do.....	do.....	20.50
	do.....	do.....	4.00
	Baltimore and Ohio R. R. Co.....	do.....	190.00
	do.....	do.....	10.00
	Denver and Rio Grande R. R. Co.....	do.....	5.05
	do.....	do.....	41.10
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	18.56
	Burlington and Missouri River R. R. in Nebraska.....	do.....	2.78
	Oregon Short Line R. R. Co.....	do.....	7.30
	do.....	do.....	32.50
	Pennsylvania R. R. Co.....	do.....	7.26
	Macon, Dublin and Savannah R. R. Co.....	do.....	4.25
	Central of Georgia Rwy. Co.....	do.....	2.64
	New York, New Haven and Hartford R. R. Co.....	do.....	9.25
20	Chas. R. Edmonston.....	Jars.....	1.00
	Adams Express Co.....	Transportation.....	53.66
24	Western Union Telegraph Co.....	Telegraph service.....	1.25
	Total.....		2,202.53

RECAPITULATION.

First quarter.....	\$5,051.01
Second quarter.....	9,702.52
Third quarter.....	11,249.62
Fourth quarter.....	10,636.33
Supplemental.....	2,202.53
Total.....	38,842.01

SILK INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	T. A. Keleher.....	Salaries.....	\$348.40
Aug. 4	Wyckoff, Seamans & Benedict.....	Typewriter.....	50.00
	Henrietta A. Kelly.....	Salary.....	150.00
	Camillo Garlati.....	do.....	35.00
	Rosa Garlati.....	do.....	25.00
24	Henrietta A. Kelly.....	Traveling expenses.....	23.45
	Rosa Garlati.....	do.....	23.45
	Camillo Garlati.....	do.....	17.40
27	Rudolph, West & Co.....	Tools.....	14.17
31	T. A. Keleher et al.....	Salaries.....	369.40
Sept. 3	C. L. Marlatt.....	Expenses.....	226.62
9	H. A. Kelly.....	Salary.....	150.00
	Camillo Garlati.....	do.....	35.00
	Rosa Garlati.....	do.....	25.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SILK INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 10	J. B. Lambie Co., Incorporated.	Hinges, etc.	\$3.64
24	Church & Stephenson.	Lumber.	1.54
	J. B. Lambie Co., Incorporated.	Files, etc.	4.13
30	T. A. Keleher et al.	Salaries.	430.63
	Total first quarter.		1,932.83
Oct. 8	John C. Parker.	Transfer cases.	6.00
9	Rosa Garlati.	Services.	25.00
	Camillo Garlati.	do.	35.00
10	Potomac Electric Power Co.	Electric current.	1.38
	The Geo. W. Knox Express Co.	Transportation.	.68
	Rudolph, West & Co.	Hardware.	5.42
	Henrietta A. Kelly.	Salary.	150.00
12	National Electrical Supply Co.	Motor.	84.25
	R. C. M. Burton & Son.	Awnings.	25.00
31	T. A. Keleher et al.	Salaries.	398.40
Nov. 4	Rosa Garlati.	Salary.	25.00
	Henrietta A. Kelly.	do.	150.00
	Camillo Garlati.	do.	35.00
24	Henrietta A. Kelly.	Traveling expenses.	34.10
	Rosa Garlati.	do.	16.10
25	Camillo Garlati.	do.	15.85
30	T. A. Keleher et al.	Salaries.	393.20
Dec. 1	Potomac Electric Power Co.	Electric current.	1.28
2	Edgar J. Hulse.	Pipe, etc.	58.00
5	Henrietta A. Kelly.	Salary.	150.00
	Camillo Garlati.	do.	35.00
	Rosa Garlati.	do.	25.00
14	Frank M. Boteler.	Negatives.	23.00
17	Geo. W. Moss.	Passenger transportation.	122.70
31	T. A. Keleher et al.	Salaries.	317.11
	Total second quarter.		2,132.47
1904.			
Jan. 5	Camillo Garlati.	Salary.	35.00
	Rosa Garlati.	do.	25.00
	Henrietta A. Kelly.	do.	150.00
7	Potomac Electric Power Co.	Electric current.	2.53
27	Nellie C. Ellerbe.	Seedlings.	10.00
	Potomac Electric Power Co.	Electric current.	.12
31	T. A. Keleher et al.	Salaries.	330.40
Feb. 4	Camillo Garlati.	Salary.	35.00
	Rosa Garlati.	do.	25.00
	Henrietta A. Kelly.	do.	150.00
9	J. S. Wise.	Repairs to brushes.	5.00
11	R. S. Clifton.	Traveling expenses.	10.45
17	Baltimore and Ohio R. R. Co.	Passenger transportation.	23.00
24	Thos. Somerville & Sons.	Labor and material reeling machine.	181.32
	Rudolph, West & Co.	Wire, etc.	4.40
	Potomac Electric Power Co.	Electric current.	1.31
29	T. A. Keleher et al.	Salaries.	319.20
Mar. 3	Camillo Garlati.	Salary.	35.00
	Rosa Garlati.	do.	25.00
	Henrietta A. Kelly.	do.	150.00
5	A. Redaelli & Son.	Silkworm eggs.	280.00
12	C. L. Marlatt.	Expenses.	159.52
	do.	do.	4.77
	do.	do.	8.50
	C. L. Marlatt.	Expenses.	38.29
16	Henrietta A. Kelly.	Traveling expenses.	7.40
	do.	do.	4.60
	Camillo Garlati.	do.	4.60
21	Faucher Creek Nurseries (Incorporated).	Mulberry cuttings.	262.00
22	J. T. Walker Sons.	Paper.	2.00
	Rudolph, West & Co.	Tacks.	.65
24	Potomac Electric Power Co.	Electric current.	1.27
31	T. A. Keleher et al.	Salaries.	280.40
	Total third quarter.		2,580.73
Apr. 4	Camillo Garlati.	Salary.	13.55
	Rosa Garlati.	do.	9.68
7	H. A. Kelly.	do.	150.00
14	Woodward & Lothrop.	Desk and chairs.	36.05
	W. B. Moses & Sons.	Chair.	5.50
18	Western Union Telegraph Co.	Telegraph service.	3.65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SILK INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 21	A. Hugues.....	Seeds and plants.....	\$86.00
25	P. Mann & Co.....	Hand cart.....	9.50
30	T. A. Keleher et al.....	Salaries.....	274.80
May 9	Henrietta A. Kelly.....	Salary.....	150.00
16	Mallinckrodt Chemical Works.....	Chemicals.....	7.50
	S. Kann Sons & Co.....	Net.....	3.51
	Delano & Moore.....	Scale.....	.45
31	Tibbett Allen.....	Salary.....	39.00
	T. A. Keleher et al.....	Salaries.....	320.40
June 8	Henrietta A. Kelly.....	Salary.....	150.00
20	Remington Typewriter Co.....	Typewriter, etc.....	95.75
	Yawman & Erbe Manufacturing Co.....	Cabinet.....	37.74
29	do.....	Copier.....	33.00
30	Tibbett Allen.....	Salary.....	39.00
	Wm. A. Keleher.....	do.....	26.00
	T. A. Keleher et al.....	Salaries.....	337.70
Total fourth quarter.....			1,808.76
<i>Supplemental.</i>			
July 9	Henrietta A. Kelly.....	Services.....	150.00
19	Library Bureau.....	Outfit cards.....	10.00
20	Washington Wood Working Co.....	Boxes.....	30.00
Aug. 1	V. L. Kellogg.....	Services.....	150.00
	Ernesta Malnati.....	Silkworm eggs.....	16.80
6	E. S. Beardslee.....	Cocoons.....	29.83
Sept. 26	C. M. Woolf & Co.....	Pruners.....	3.00
Total.....			389.66

RECAPITULATION.

First quarter.....	\$1,932.83
Second quarter.....	2,132.47
Third quarter.....	2,580.73
Fourth quarter.....	1,808.76
Supplemental.....	389.66
Total.....	\$8,844.45

ENTOMOLOGY—1903-4.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	C. L. Marlatt et al.....	Salaries.....	\$1,636.60
Aug. 31	do.....	do.....	1,636.60
Total first quarter.....			3,273.20
1904.			
Jan. 16	C. L. Marlatt.....	Traveling expenses.....	261.85
25	E. S. Peters.....	Cultivating cotton.....	3,000.00
26	A. P. Borden.....	do.....	707.85
	A. N. Alford.....	do.....	687.02
	J. D. Mitchell.....	do.....	134.84
	B. D. Wilson.....	do.....	404.32
	Jefferson Johnson.....	do.....	973.63
Mar. 4	J. M. Styers.....	Cotton.....	56.12
28	The Pullman Co.....	Passenger transportation.....	17.50
29	Virginia-Carolina Chemical Co.....	Fertilizers, etc.....	2,135.74
	Terre Haute and Indianapolis R. R. Co.....	Passenger transportation.....	19.25
Total third quarter.....			8,398.12
<i>Supplemental.</i>			
Sept. 19	Southern Pacific Co.....	Passenger transportation.....	67.50

RECAPITULATION.

First quarter.....	\$3,273.20
Third quarter.....	8,398.12
Supplemental.....	67.50
Total.....	11,738.82

134 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SETTLED BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 4	Pennsylvania R. R. Co.....	Passenger transportation.....	\$87.00

BIOLOGY.

1903. July 22	W. E. Snyder.....	Birds' stomachs.....	\$1.40
24	C. H. Merriam.....	Traveling expenses.....	125.85
27	E. W. Nelson.....	do.....	31.58
	E. A. Goldman.....	do.....	31.73
	National Electrical Supply Co.....	Electric fan.....	8.50
31	T. S. Palmer et al.....	Salaries.....	1,048.02
Aug. 1	Vernon Bailey.....	Salary.....	202.20
	E. W. Nelson.....	do.....	189.55
	A. E. Preble.....	do.....	150.00
	Frank Stephens.....	do.....	140.00
	L. J. Goldman.....	do.....	140.00
	E. A. Goldman.....	do.....	134.80
	N. Hollister.....	do.....	50.00
	A. E. Weller.....	do.....	50.00
4	The Hudson's Bay Co.....	Traveling expenses, etc.....	350.00
	Wm. Wagner.....	Shotgun shells.....	2.00
5	Vernon Bailey.....	Traveling expenses.....	145.80
12	J. C. Parker.....	Fountain pen.....	4.00
14	F. E. L. Beal.....	Traveling expenses.....	74.22
	J. H. Gant.....	do.....	95.85
	T. S. Palmer.....	do.....	93.30
15	E. Morrison Paper Co.....	Scrapbooks.....	6.60
18	do.....	Strawboard.....	5.00
	Wm. Wagner.....	Shells, etc.....	3.75
	Woodward & Lothrop.....	Wadding.....	2.09
19	Arthur H. Howell.....	Traveling expenses.....	67.45
	W. Otto Emerson.....	240 birds' stomachs.....	12.00
	W. E. Snyder.....	60 birds' stomachs.....	3.00
21	C. Hart Merriam.....	Traveling expenses.....	182.70
25	Delano & Moore.....	Albums, etc.....	7.30
	Mackall Bros.....	Corks.....	.51
26	Joseph Grinnell.....	150 birds' stomachs.....	7.50
27	Wright M. Pierce.....	120 birds' stomachs.....	6.00
31	T. S. Palmer et al.....	Salaries.....	1,031.59
Sept. 3	E. W. Nelson.....	Salary.....	189.55
	A. E. Weller.....	do.....	50.00
	A. E. Preble.....	do.....	150.00
	Vernon Bailey.....	do.....	202.20
	Frank Stephens.....	do.....	67.74
	L. J. Goldman.....	do.....	140.00
	E. A. Goldman.....	do.....	134.80
	N. Hollister.....	do.....	150.00
4	C. A. Lambert.....	Mammals.....	19.00
	Hudson's Bay Co.....	Traveling expenses.....	350.00
9	Vernon Bailey.....	do.....	149.81
	A. H. Howell.....	do.....	84.85
10	C. H. Merriam.....	do.....	97.68
	F. E. L. Beal.....	do.....	84.94
	E. Morrison Paper Co.....	Files.....	4.50
	Woodward & Lothrop.....	Wadding.....	2.09
11	F. P. May & Co.....	Mouse traps.....	45.00
	H. J. Green.....	Repairing barometers.....	4.00
17	Alden Sampson.....	Traveling expenses.....	192.43
21	Rudolph, West & Co.....	Locks.....	4.50
	W. Silas Sheetz.....	Safe light.....	1.50
	Wm. Wagner.....	Shells.....	5.75
24	J. H. Gant.....	Traveling expenses.....	121.20
	W. K. Fisher.....	Mammals.....	49.75
	W. W. Worthington.....	Birds' stomachs.....	6.00
	W. M. Pierce.....	do.....	6.00
28	E. W. Nelson.....	Salary.....	183.40
	Alfred E. Weller.....	do.....	50.00
	Vernon Bailey.....	do.....	195.60
	Alfred E. Preble.....	do.....	150.00
	E. A. Goldman.....	do.....	130.40
	N. Hollister.....	do.....	150.00
	L. J. Goldman.....	do.....	70.00
30	T. S. Palmer et al.....	Salaries.....	936.20
Total first quarter.....			8,583.18

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BIOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 5	Alden Sampson.....	Services.....	\$3.00
	Paul Kroegel.....	do.....	3.00
9	Arthur H. Howell.....	Traveling expenses.....	102.95
	F. E. L. Beal.....	do.....	150.23
10	Delano & Moore.....	Photo supplies.....	11.63
12	M. Du Perow.....	Lamps.....	1.95
	E. Morrison Paper Co.....	Mailing tubes.....	6.75
16	Alfred E. Preble.....	Traveling expenses.....	24.85
	C. Hart Merriam.....	do.....	153.65
	Vernon Bailey.....	do.....	115.50
19	N. Hollister.....	do.....	78.25
	W. H. Osgood.....	do.....	308.50
	Jas. H. Gant.....	do.....	95.26
23	W. D. Gay.....	Negative.....	3.00
	W. E. Clyde Todd.....	Birds' stomachs.....	3.25
	Frank S. Daggett.....	do.....	8.90
	E. W. Nelson.....	Tent.....	8.00
24	J. S. Hunter.....	Birds' stomachs.....	51.00
	Louis Agassiz Fuertes.....	Drawings.....	110.00
28	Walter K. Fisher.....	Mammals.....	36.00
	L. J. Goldman.....	Traveling expenses.....	75.00
29	Abercrombie & Fitch.....	Stove and bag.....	4.00
	W. E. Snyder.....	Birds' stomachs.....	4.25
31	Lake Tahoe Rwy. and Transportation Co.....	Passenger transportation.....	12.00
	White Pass and Youkon Route.....	do.....	40.00
	Fort Worth and Denver City Rwy. Co.....	do.....	3.95
	Northern Pacific Rwy. Co.....	do.....	75.50
	T. S. Palmer et al.....	Salaries.....	903.90
Nov. 2	E. W. Nelson.....	Salary.....	189.55
	N. Hollister.....	do.....	150.00
	E. A. Goldman.....	do.....	134.80
	Vernon Bailey.....	do.....	202.20
3	Sylvester D. Judd.....	Traveling expenses.....	29.49
6	Merritt Cary.....	do.....	60.15
7	Vernon Bailey.....	do.....	37.85
13	F. P. May & Co.....	Tow, etc.....	19.70
	do.....	Traps, etc.....	23.24
	Z. D. Gilman.....	Bottles.....	11.60
17	N. Hollister.....	Traveling expenses.....	79.55
	do.....	do.....	61.37
19	Wilfred H. Osgood.....	do.....	126.65
	C. Hart Merriam.....	do.....	264.60
	Merritt Cary.....	do.....	12.45
20	W. E. Snyder.....	Birds' stomachs.....	1.50
	John A. Morden.....	do.....	3.00
	W. W. Worthington.....	do.....	6.00
	C. R. Ellis.....	Preparing index.....	40.00
27	A. K. Fisher.....	Traveling expenses.....	22.90
	T. S. Palmer.....	do.....	19.65
	C. Hart Merriam.....	do.....	18.00
30	E. A. Goldman.....	Salary.....	130.40
	E. W. Nelson.....	do.....	183.40
	Vernon Bailey.....	do.....	195.60
	T. S. Palmer et al.....	Salaries.....	\$77.20
Dec. 1	Delano & Moore.....	Photo supplies.....	8.43
	F. P. May & Co.....	Traps, etc.....	15.75
2	Wm. Wagner.....	Powder, etc.....	4.35
4	Jas. H. Gant.....	Traveling expenses.....	114.92
10	James S. Topham.....	Case.....	4.00
12	Alden Sampson.....	Traveling expenses.....	244.58
	do.....	do.....	138.64
14	E. R. Warren.....	Photos.....	14.50
	J. S. Hunter.....	Birds' stomachs.....	51.00
	H. M. Gay.....	Mammals.....	70.00
	James R. Cary.....	do.....	3.00
16	Hugh Campbell.....	do.....	4.00
17	Library Bureau.....	Tin trays.....	1.50
	Geo. F. Muth & Co.....	Ink.....	1.80
	Delano & Moore.....	Velox.....	12.10
	Wm. Wagner.....	Cartridges.....	3.00
18	Alaska Steamship Co.....	Passenger transportation.....	50.00
	Great Northern Rwy. Co.....	do.....	64.50
	Wright M. Pierce.....	Birds' stomachs.....	4.80
28	Eastman Kodak Co.....	Repairs.....	4.15
31	Jas. H. Gant.....	Traveling expenses.....	117.46
	T. S. Palmer et al.....	Salaries.....	903.90
	Tota second quarter.....		7,131.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BIOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 2	E. W. Nelson.....	Salary.....	\$189.55
	E. A. Goldman.....	do.....	134.80
	Vernon Bailey.....	do.....	202.20
	Sherrod McClure Surber.....	do.....	50.00
7	A. G. Maddren.....	Mammals.....	148.55
	Mackall Bros.....	Tubes, etc.....	5.70
8	Z. D. Gilman.....	Scalpels.....	3.50
12	W. B. Moses & Sons.....	Cases.....	3.00
	Wm. Wagner.....	Shot, shells, etc.....	26.05
14	Jas. H. Gant.....	Traveling expenses.....	148.84
	Paul Kroegel.....	Salary.....	3.00
	J. S. Hunter.....	Birds' stomachs.....	47.90
18	Delano & Moore.....	Photo supplies.....	51.79
	Thomas H. Jackson.....	Photos.....	4.50
	W. W. Worthington.....	Birds' stomachs.....	6.55
	Wm. J. Hackmeier.....	Skulls.....	39.00
	J. B. Monroe.....	Mammals.....	3.00
	James D. Johnson.....	Birds' stomachs.....	.70
19	E. R. Warren.....	Photos.....	3.00
25	The Atchison, Topeka and Santa Fe Rwy. Co.....	Passenger transportation.....	87.40
26	Curtis Wible.....	Photos.....	5.40
	The American Distributing Co.....	Alcohol.....	22.04
	Adams Express Co.....	Transportation.....	82.21
27	Viola McCohn.....	Photos.....	7.50
29	H. H. Ballard.....	Klips, etc.....	1.30
	J. Baumgarten & Sons.....	Type.....	2.55
30	E. W. Nelson.....	Salary.....	191.60
	Vernon Bailey.....	do.....	204.40
31	T. S. Palmer et al.....	Salaries.....	952.68
Feb. 1	E. A. Goldman.....	Salary.....	136.30
2	Franklin T. Hittell.....	do.....	125.00
	Sherrod McClure Surber.....	do.....	50.00
3	The Geo. W. Knox Express Co.....	Transportation.....	14.26
9	E. Morrison Paper Co.....	Gummed paper.....	1.75
	W. B. Moses & Sons.....	Hat rack, etc.....	4.50
	Potomac Electric Power Co.....	Lamp.....	4.86
	James B. Lambie Co (Incorporated).....	Excelsior.....	1.00
	Z. D. Gilman.....	Plaster.....	.80
	Woodward & Lothrop.....	Desk.....	30.35
	M. Du Perow.....	Switch, etc.....	19.50
11	Jas. H. Gant.....	Traveling expenses.....	134.55
	Franklin T. Hittell.....	do.....	31.60
12	Cyrus Catt.....	Mammals.....	115.00
	Louis A. Furtess.....	Drawings.....	70.00
18	Northern Pacific Rwy. Co.....	Passenger transportation.....	20.00
	Ironside, Rannie & Campbell.....	do.....	100.00
	Denver and Rio Grande R. R. Co.....	do.....	5.75
	Chicago and Northwestern Rwy. Co.....	do.....	33.75
	do.....	do.....	11.30
19	T. S. Palmer.....	Traveling expenses.....	9.25
24	Delano & Moore.....	Photo supplies.....	11.84
	Franklin & Co.....	Reading glass.....	3.00
	U. S. Express Co.....	Transportation.....	46.73
	Hugh Reilly.....	Ground glass.....	1.50
27	Postal Telegraph-Cable Co.....	Telegraph service.....	5.24
	Western Union Telegraph Co.....	do.....	12.47
29	Sherrod McClure Surber.....	Salary.....	50.00
	E. A. Goldman.....	do.....	127.40
	Franklin T. Hittell.....	do.....	125.00
	E. W. Nelson.....	do.....	179.30
	Vernon Bailey.....	do.....	191.20
	T. S. Palmer et al.....	Salaries.....	909.00
Mar. 2	E. A. Goldman.....	Traveling expenses.....	70.70
11	W. W. Worthington.....	Birds' stomachs.....	6.05
	C. Hart Merriam.....	Traveling expenses.....	13.25
16	Delano & Moore.....	Photo supplies.....	9.86
18	R. C. M. Burton & Son.....	Canvas bags.....	1.05
	Church & Stephenson.....	Lumber.....	3.60
	J. K. Bishop.....	Photo paper.....	3.15
	Rudolph, West & Co.....	Locks and wire.....	7.30
	James S. Topham.....	Leather.....	3.50
21	Joseph Clemmens.....	Birds' stomachs.....	1.50
	P. B. Peabody.....	do.....	2.75
	Wright M. Pierce.....	do.....	6.00
23	Jas. H. Gant.....	Traveling expenses.....	126.22
24	Wm. Wagner.....	Shells, etc.....	9.45
26	Z. D. Gilman.....	Needle.....	1.00
=	Mackall Bros.....	Cotton, etc.....	7.00
	Underwood Typewriter Co.....	Typewriter, etc.....	87.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BIOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 29	F. T. Hittell.	Traveling expenses.	\$15.50
	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation.	10.00
	Virginia and Truckee R. R. Co.	.....do.	11.55
31	Vernon Bailey.	Salary.	204.40
	Sherrod McClure Surber.	.....do.	50.00
	E. A. Goldman.	.....do.	136.30
	E. W. Nelson.	.....do.	191.60
	T. S. Palmer et al.	Salaries.	963.00
	Total third quarter.		7,153.14
Apr. 4	T. S. Palmer.	Traveling expenses.	13.05
6	Alden Sampson.	Services.	6.00
7	Jno. H. Gant.	Traveling expenses.	45.24
9	Remington Typewriter Co.	Repairs.	17.25
	Paul Kroegel.	Salary.	3.00
	James B. Lambie Co. (Incorporated).	Excelsior.	1.13
11	S. W. Browne.	Birds' stomachs.	.40
12	John T. Stewart.	Mammals.	4.00
14	Rudolph, West & Co.	Knife.	6.00
	Mackall Bros.	Corks.	.41
	Wm. Wagner.	Powder, etc.	7.20
18	Louis Hartig.	Wire.	1.25
	Delano & Moore.	Photo supplies.	9.88
	F. P. May & Co.	Traps.	6.00
	Postal Telegraph-Cable Co.	Telegraph service.	5.46
19	Louis A. Fuertes.	Drawings.	100.00
20	The Chesapeake and Ohio Rwy. Co.	Passenger transportation.	16.75
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	.....do.	17.50
	New York Central and Hudson River R. R. Co.	.....do.	6.00
	Pennsylvania R. R. Co.	.....do.	10.00
	Canadian Pacific Rwy. Co.	.....do.	91.85
22	L. M. Brandt & Son.	Traps.	2.00
25	A. G. Maddren.	Mammals.	12.50
27	Louis A. Fuertes.	Drawings.	190.00
	Steber & Trussell Manufacturing Co.	Sheet holders.	13.80
28	The Chesapeake and Potomac Telephone Co.	Telephone service.	6.25
29	Wm. J. Hackmeier.	Mammals.	3.00
30	Vernon Bailey.	Salary.	197.80
	E. A. Goldman.	.....do.	131.90
	E. W. Nelson.	.....do.	185.45
	T. S. Palmer et al.	Salaries.	936.10
May 4	W. E. Snyder.	Birds' stomachs.	2.05
6	W. Otto Emerson.	.....do.	4.50
11	Jas. H. Gant.	Traveling expenses.	46.30
12	Thomas H. Jackson.	Birds.	1.50
13	Julius Frieser.	Mammals.	73.00
	United States Express Co.	Transportation.	22.15
	Western Union Telegraph Co.	Telegraph service.	12.49
	Woodward & Lothrop.	Jars.	6.00
16	Delano & Moore.	Velox.	9.50
	Adams Express Co.	Transportation.	77.68
	Rudolph, West & Co.	Label holders.	1.50
	Remington Typewriter Co.	Cover.	2.50
18	A. Rea.	Mammals.	2.00
	Will J. Farrington.	.....do.	18.00
19	Frank Stephens.	.....do.	15.00
20	Multum in Parvo Binder Co.	Binders.	1.50
	A. P. Wise.	Birds' stomachs.	.90
24	Andrew B. Graham.	Map.	35.00
26	Church & Stephenson.	Lumber.	7.12
31	T. S. Palmer et al.	Salaries.	962.80
	Rufus B. Merchant.	Map.	3.20
June 1	E. W. Nelson.	Salary.	191.60
	Vernon Bailey.	.....do.	204.40
	E. A. Goldman.	.....do.	136.20
3	Kenneth F. Beale.	Mammals.	9.75
	Adams Express Co.	Transportation.	43.65
	Lamb & Tilden.	Numbering machine.	14.00
	Henry J. Green.	Aneroid.	39.50
	Louis A. Fuertes.	Drawings.	150.00
6	Wm. Wagner.	Shot, etc.	11.25
	A. B. Klugh.	Birds' stomachs.	2.45
8	Jas. H. Gant.	Traveling expenses.	56.85
20	Mackall Bros.	Cotton.	9.00
	C. P. Forge.	Mammals.	4.50
	Folmer & Schwing Manufacturing Co.	Repairs to camera.	72.95
	W. E. Snyder.	Birds' stomachs.	2.50

138 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BIOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 20	W. Silas Sheetz.....	Camera, etc.....	\$83.70
	Jas. S. Topham.....	Chest.....	10.00
	Western Union Telegraph Co.....	Telegraph service.....	2.62
	Wm. Wagner.....	Shells.....	17.25
	Jas. S. Topham.....	Case.....	3.00
29	Cyrus Catt.....	Mammals.....	13.40
	Wm. Wagner.....	Shells, etc.....	19.75
	John A. Morden.....	Birds' stomachs.....	5.90
	Mackall Bros.....	Tubes, etc.....	43.15
	Henry Heil Chemical Co.....	Formalin.....	3.00
30	Sylvester D. Judd.....	Traveling expenses.....	11.22
	T. S. Palmer et al.....	Salaries.....	936.10
	Total fourth quarter.....		5,449.61
	<i>Supplemental.</i>		
July 1	Vernon Bailey.....	Salary.....	197.80
	E. A. Goldman.....	do.....	131.90
	N. Hollister.....	do.....	100.00
	S. McClure Surber.....	do.....	50.00
	E. W. Nelson.....	do.....	185.45
5	Jas. H. Gant.....	Traveling expenses.....	57.90
6	T. S. Palmer.....	do.....	2.75
7	Church & Stephenson.....	Lumber.....	1.00
11	N. Hollister.....	Traveling expenses.....	123.40
	Paul Kroegel.....	Salary.....	3.00
18	W. B. Moses & Sons.....	Chair.....	4.00
	Jas. S. Topham.....	Chests.....	20.00
19	Library Bureau.....	Label holders.....	5.00
	B. V. Lilly.....	Specimens.....	48.00
	A. H. Norton.....	Birds' stomachs.....	3.25
	Queen & Co. (Incorporated).....	Thermometer.....	1.20
20	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	24.00
	F. P. May & Co.....	Traps.....	80.52
	Remington Typewriter Co.....	Overhauling typewriter.....	11.25
	Rudolph, West & Co.....	Locks.....	11.50
	F. A. Schmidt.....	Dividers.....	5.20
	Woodward & Lothrop.....	Thread.....	.96
30	Great Northern Rwy. Co.....	Freight.....	5.89
Aug. 3	Jas. B. Lambie Co. (Incorporated).....	Pliers.....	1.20
	Delano & Moore.....	Photo supplies.....	14.86
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
6	E. A. Goldman.....	Traveling expenses.....	90.60
9	do.....	do.....	150.68
16	Western Union Telegraph Co.....	Telegraph service.....	4.38
17	M. A. Bishop.....	Specimen of mammals.....	5.00
	Jos. Clemens.....	Birds' stomachs.....	3.75
	Geo. F. Muth & Co.....	Ink, etc.....	3.80
18	A. Hanbold.....	Mammals.....	10.00
	Chas. A. Lambert.....	Mammals.....	8.20
20	Delano & Moore.....	Photo supplies.....	59.43
	The Geo. W. Knox Express Co.....	Transportation.....	27.90
Sept. 14	United States Express Co.....	do.....	2.05
	do.....	do.....	61.30
19	St. Louis and San Francisco R. R. Co.....	Passenger transportation.....	6.13
20	Adams Express Co.....	Transportation.....	56.65
	Walker Weaver.....	Tanning skins.....	45.00
24	Church & Stephenson.....	Lumber.....	.80
	Western Union Telegraph Co.....	Telegraph service.....	2.14
28	Alaska Pacific Navigation Co.....	Passenger transportation.....	47.00
	Northern Pacific Rwy. Co.....	do.....	50.00
	Total.....		1,731.09

RECAPITULATION.

First quarter.....	\$8,583.18
Second quarter.....	7,131.50
Third quarter.....	7,153.14
Fourth quarter.....	5,449.61
Supplemental.....	1,731.09
Total.....	30,048.52

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BIOLOGY (PAID BY TREASURY).

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 15	Southern Pacific Co.....	Passenger transportation.....	\$87.70
	do.....	do.....	25.35
Feb. 17	do.....	do.....	102.95
	do.....	do.....	6.80
Mar. 4	The Public Printer.....	Binding.....	25.00
Sept. 8	Southern Pacific Co.....	Passenger transportation.....	161.70
	Chicago, Milwaukee and St. Paul Co.....	do.....	62.80
	Total.....		472.30

BIOLOGY, CARE OF GAME.

Date.	Name.	Nature of payment.	Total.
1904.			
June 1	Franklin T. Hittell.....	Salary.....	\$150.00
11	do.....	Traveling expenses.....	50.85
27	Cyclone Woven Wire Fence Co.....	Wire fence.....	797.86
	Total.....		998.71

PUBLICATIONS, FARMERS' BULLETINS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	R. M. Reese et al.....	Salaries.....	\$645.07
Aug. 20	The Maurice Joyce Engraving Co.....	Engraving.....	6.00
31	R. M. Reese et al.....	Salaries.....	674.10
Sept. 10	The Publishers and Printers Engraving Co.....	Engravings.....	4.15
	do.....	do.....	7.08
30	R. M. Reese et al.....	Salaries.....	630.80
	Total first quarter.....		1,967.20
Oct. 2	R. B. Handy.....	Traveling expenses.....	59.40
12	The Maurice Joyce Engraving Co.....	Engraving.....	11.90
23	E. J. Pullman.....	Prints.....	4.00
	A. P. Johnson.....	Blocks.....	4.52
31	R. M. Reese et al.....	Salaries.....	614.10
Nov. 13	The Maurice Joyce Engraving Co.....	Engravings.....	16.99
	do.....	do.....	.99
30	R. M. Reese et al.....	Salaries.....	551.80
Dec. 2	The Publishers and Printers Engraving Co.....	Engraving.....	18.00
	do.....	do.....	.75
	James M. Bryant.....	do.....	36.00
	John Tinkey.....	do.....	25.00
14	Jas. M. Bryant.....	Wood cut.....	15.00
	E. Heinemann.....	Engraving.....	30.00
	Jas. M. Bryant.....	Wood cut.....	17.50
	J. Manz Engraving Co.....	Engraving.....	35.00
17	Jas. M. Bryant.....	do.....	82.00
	Geo. P. Bartle.....	do.....	25.00
	E. F. Katsch.....	do.....	15.00
18	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	20.30
19	Charles S. Plumb.....	Manuscript.....	170.00
21	National Engraving Co.....	Engraving.....	1.02
31	R. M. Reese et al.....	Salaries.....	665.20
	Total second quarter.....		2,419.47
1904.			
Jan. 7	The Maurice Joyce Engraving Co.....	Engraving.....	6.79
8	do.....	do.....	28.59
	do.....	do.....	13.35
12	do.....	do.....	14.03
16	John Tinkey.....	do.....	30.00
	Geo. P. Bartle.....	do.....	48.00
	The Publishers and Printers' Engraving Co.....	do.....	10.00
	do.....	do.....	8.28
	James M. Bryant.....	do.....	45.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLICATIONS, FARMERS' BULLETINS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 25	E. Heinemann	Engraving	\$20.00
26	Jas. M. Bryant	do	50.00
	The Publishers and Printers' Engraving Co.	do	52.81
29	J. Manz Engraving Co.	do	5.00
	The Publishers and Printers' Engraving Co.	do	8.75
	The Alpha Photo Engraving Co.	do	3.00
	The Maurice Joyce Engraving Co.	do	30.67
	do	do	3.15
	Southern Printers' Supply Co.	Electros	30
31	R. M. Reese et al.	Salaries	723.35
Feb. 9	The Maurice Joyce Engraving Co.	Engraving	3.04
	A. H. Baldwin	Drawings	43.00
	do	do	9.00
12	J. Manz Engraving Co.	Illustrations	3.00
	Alpha Photo Engraving Co.	Engraving	2.00
	Jas. M. Bryant	do	89.50
	John Tinkey	do	35.00
	The Publishers and Printers' Engraving Co.	do	5.64
23	do	do	13.98
	J. Manz Engraving Co.	do	3.50
	do	do	3.50
	Jas. M. Bryant	do	48.00
24	Southern Printers' Supply Co.	Electros	5.50
	The Maurice Joyce Engraving Co.	Engraving	17.49
	W. Bowyer Pain	Drawings	12.00
29	R. M. Reese et al.	Salaries	734.40
Mar. 4	Alpha Photo Engraving Co.	Engraving	4.25
	J. Manz Engraving Co.	do	31.00
5	The Publishers and Printers' Engraving Co.	do	1.75
	John Tinkey	do	18.00
11	Southern Printers' Supply Co.	Electros	1.50
17	W. Bowyer Pain	Drawings	18.00
18	Southern Printers' Supply Co.	Electro.	9.25
21	Geo. P. Bartle	Engraving	91.28
	The Publishers and Printers' Engraving Co.	do	24.47
	do	do	10.50
	do	do	17.50
	J. Manz Engraving Co.	do	28.00
22	Southern Printers' Supply Co.	Electros	60
	do	do	90
24	John Tinkey	Engraving	37.00
26	A. H. Baldwin	Drawings	15.00
28	J. Manz Engraving Co.	Engravings	14.50
	do	do	11.50
31	R. M. Reese et al.	Salaries	832.80
	Total third quarter		3,288.92
Apr. 9	The Maurice Joyce Engraving Co.	Engraving	3.15
11	Gatchel & Manning	do	4.25
12	The Publishers and Printers' Engraving Co.	do	7.00
	do	do	7.00
	J. Manz Engraving Co.	do	36.25
14	The M. Joyce Engraving Co.	do	2.25
	do	do	90
19	Scientific Engraving Co.	do	10.00
28	Jas. M. Bryant	do	34.00
30	R. M. Reese et al.	Salaries	813.70
May 4	J. Manz Engraving Co.	Engraving	24.00
	do	do	24.00
13	The Maurice Joyce Engraving Co.	do	1.50
	do	do	2.25
19	J. Manz Engraving Co.	do	15.00
20	The Publishers and Printers' Engraving Co.	do	1.75
23	A. H. Kirkland	Manuscript	65.00
24	Geo. E. Howard	Drawings	100.00
31	R. M. Reese et al.	Salaries	832.60
June 11	T. F. McGrew	Manuscript	150.00
20	Gatchel & Manning	Maps	19.20
	The Maurice Joyce Engraving Co.	Engraving	3.00
	do	do	90
	J. Manz Engraving Co.	do	35.00
	W. Bowyer Pain	Drawings	12.00
	Maria Parloa	Article for publication	150.00
	Wm. E. Rice	Manuscript	30.00
30	R. M. Reese	Salaries	784.00
	Total fourth quarter		3,163.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLICATIONS, FARMERS' BULLETINS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental.</i>			
1904.			
July 19	J. Manz Engraving Co.....	Engravings.....	\$16.00
	The Publishers and Printers' Engraving Co.....	do.....	6.00
20	The M. Joyce Engraving Co.....	do.....	2.16
	do.....	do.....	.75
	Total.....		24.91

RECAPITULATION.

Total first quarter.....	\$1,967.20
Total second quarter.....	2,419.47
Total third quarter.....	3,288.92
Total fourth quarter.....	3,168.70
Total supplemental.....	24.91
Total.....	10,869.20

PAID BY TREASURY.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 21	The Public Printer.....	Printing bulletins.....	\$2,721.27
	do.....	do.....	125.62
Oct. 26	do.....	do.....	996.74
	do.....	do.....	3,043.95
1904.			
Jan. 15	do.....	do.....	4,081.61
	do.....	do.....	2,340.02
	do.....	do.....	5,787.74
	do.....	do.....	2,219.02
Feb. 10	do.....	do.....	4,675.59
	do.....	do.....	4,345.28
	do.....	do.....	979.99
Mar. 4	do.....	do.....	3,375.40
	do.....	do.....	2,066.61
	do.....	do.....	3,098.40
Apr. 14	do.....	do.....	4,424.64
	do.....	do.....	4,494.25
	do.....	do.....	4,840.68
	do.....	do.....	4,472.49
June 20	do.....	do.....	2,535.97
	do.....	do.....	5,065.59
	do.....	do.....	3,892.58
	do.....	do.....	4,686.26
	do.....	do.....	3,092.33
	do.....	do.....	3,233.40
	do.....	do.....	1,519.69
	do.....	do.....	2,368.83
Sept. 8	do.....	do.....	2,768.64
	do.....	do.....	2,763.22
	do.....	do.....	2,504.85
	do.....	do.....	1,381.70
	Total.....		93,902.36

ARTISTS, ETC.

Date.	Name.	Nature of payment.	Total.
1903.			
July 22	The Publishers and Printers' Engraving Co..	Engravings.....	\$9.50
31	L. S. Williams et al.....	Salaries.....	784.21
Aug. 1	L. L. Howenstein.....	Salary.....	104.00
14	The Maurice Joyce Engraving Co.....	Engraving.....	.93
19	The Publishers and Printers' Engraving Co..	do.....	6.25
31	L. S. Williams et al.....	Salaries.....	916.80
Sept. 21	Fred A. Schmidt.....	Blue print paper.....	4.50
	Southern Printers' Supply Co.....	Electros.....	2.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ARTISTS, ETC.—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 24	Delano & Moore.....	Photo supplies.....	\$45.90
	Queen & Co. (Incorporated).....	Chemicals.....	2.16
30	L. S. Williams et al.....	Salaries.....	898.40
	Total first quarter.....		2,774.85
Oct. 12	Fred A. Schmidt.....	Artist's materials.....	9.89
	The Maurice Joyce Engraving Co.....	Engraving.....	2.46
	do.....	do.....	112.20
	do.....	do.....	.75
21	Mallinckrodt Chemical Works.....	do.....	5.45
22	The Publishers and Printers' Engraving Co.....	Engravings.....	1.75
	Emil Greiner.....	Graduates.....	7.05
31	L. S. Williams et al.....	Salaries.....	989.40
Nov. 13	Southern Printers' Supply Co.....	Electro.....	.25
20	Rand, McNally & Co.....	Maps.....	1.71
21	Mackall Bros.....	Chemicals.....	13.56
30	L. S. Williams et al.....	Salaries.....	850.41
Dec. 1	Delano & Moore.....	Photo supplies.....	7.01
	do.....	do.....	28.30
2	Fred A. Schmidt.....	Blue print paper.....	1.80
2	A. P. Johnson.....	Blocks.....	3.40
3	Rand, McNally & Co.....	Maps.....	2.46
11	Fred. A. Schmidt.....	Blueprint paper.....	.10
14	National Electrical Supply Co.....	Carbons.....	2.79
	A. P. Johnson.....	Blocks.....	7.30
17	The Maurice Joyce Engraving Co.....	Engraving.....	.75
26	E. C. Chilcott.....	Manuscript.....	90.00
	James H. Shepard.....	do.....	48.00
29	Mackall Bros.....	Ether.....	15.75
31	L. S. Williams et al.....	Salaries.....	865.12
	Total second quarter.....		3,082.42
1904.			
Jan. 7	Delano & Moore.....	Camera, etc.....	34.08
	do.....	Photo supplies.....	8.59
8	Fred. A. Schmidt.....	Artists' materials.....	3.50
	do.....	Blueprint paper.....	4.00
	The Maurice Joyce Engraving Co.....	Engraving.....	.75
	do.....	do.....	1.75
14	Mallinckrodt Chemical Works.....	Silver nitrate.....	43.60
	Queen & Co. (Incorporated).....	Paraffin.....	1.00
16	A. P. Johnson.....	Blocks.....	4.20
	John C. Bauer.....	Ink.....	2.66
26	Delano & Moore.....	Photo supplies.....	94.47
	W. Bowyer Pain.....	Drawings.....	15.00
29	Southern Printers Supply Co.....	Electros.....	.75
31	W. Bowyers Pain.....	Drawings.....	12.00
Feb. 9	L. S. Williams et al.....	Salaries.....	683.18
	Geo. F. Muth.....	Glass cutter, etc.....	4.45
	W. Bowyer Pain.....	Drawings.....	25.00
	Z. D. Gilman.....	Tubing.....	1.44
24	E. Morrison Paper Co.....	Paper.....	1.50
29	L. S. Williams et al.....	Salaries.....	640.62
Mar. 3	Delano & Moore.....	Photo supplies.....	73.17
11	Southern Printers Supply Co.....	Electros.....	.50
16	Delano & Moore.....	Photo supplies.....	11.01
22	Fred. A. Schmidt.....	Paste.....	.90
	Southern Printers Supply Co.....	Electro.....	.15
	The Maurice Joyce Engraving Co.....	Engraving.....	2.07
29	Frederick Carl.....	Repairs to section liner.....	1.50
	Fred. A. Schmidt.....	Drawing paper.....	17.50
31	L. S. Williams.....	Salaries.....	586.20
	Total third quarter.....		2,274.54
Apr. 9	The Maurice Joyce Engraving Co.....	Engraving.....	2.38
	do.....	do.....	.50
	Fred. A. Schmidt.....	Artists' materials.....	36.13
12	Mallinckrodt Chemical Works.....	Chemicals.....	4.66
	The Publishers and Printers Engraving Co.....	Engravings.....	22.47
14	Fred. A. Schmidt.....	Repairs to compass.....	.80
	The Maurice Joyce Engraving Co.....	Engraving.....	1.35
15	Julia E. Bullock.....	Salary.....	30.00
29	Delano & Moore.....	Photo supplies.....	54.73
30	Julia E. Bullock.....	Salary.....	32.50
	L. S. Williams et al.....	Salaries.....	504.30
May 4	Eastman Kodak Co.....	Solar bromide.....	22.85
13	The Maurice Joyce Engraving Co.....	Engraving.....	2.68

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ARTISTS, ETC.—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 13	The Maurice Joyce Engraving Co.	Engraving	\$1.74
	Fred. A. Schmidt	Blueprint paper	3.60
	E. Morrison Paper Co.	Cardboard	7.25
14	Julia E. Bullock	Salary	30.00
19	Fred. A. Schmidt	Pens	4.43
20	Southern Printers Supply Co.	Electro	.50
	The Maurice Joyce Engraving Co.	Wood backing	3.00
24	Delano & Moore	Photo supplies	8.18
	A. P. Johnson	Block	2.75
	Fred. A. Schmidt	Blueprint paper	3.60
31	Julia E. Bullock	Salary	30.00
	L. S. Williams et al	Salaries	402.20
June 6	Mackall Bros	Chemicals	6.90
	Mallinckrodt Chemical Works	do	2.00
15	Julia E. Bullock	Services	32.50
20	Delano & Moore	Photo supplies	2.45
	The Maurice Joyce Engraving Co.	Cuts	3.00
	do	Engraving	.75
	Fred. A. Schmidt	Paper	5.00
	do	Blueprint paper	3.90
	Wm. H. Rupp Co.	Scrapbooks	12.80
	Scientific Engraving Co.	Engravings	10.00
30	L. S. Williams et al	Salaries	458.52
	Total fourth quarter		1,750.42
	Supplemental.		
July 14	Delano & Moore	Photo supplies	92.63
18	do	do	12.30
	Z. D. Gilman	Acid	4.20
20	The Maurice Joyce Engraving Co.	Engravings	.75
	Mackall Bros	Cotton	.38
	Total		110.26

RECAPITULATION.

Total first quarter	\$2,774.85
Total second quarter	3,082.42
Total third quarter	2,274.54
Total fourth quarter	1,750.42
Total supplemental	110.26
Total	9,992.49

LABOR, ETC.

Date.	Name.	Nature of payment.	Total.
1903.			
July 15	United States Envelope Co.	Envelopes	\$858.00
16	Shore's Tire and Bicycle Hospital	Repairs	5.65
24	Densmore Typewriter Co.	Typewriter	80.50
	American Cycle Manufacturing Co.	Repairs to bicycle	.28
25	C. Becker	Repairs	1.50
27	Geo. Meier	Gum arabic	80.00
	United States Envelope Co.	Envelopes	43.00
31	H. S. Walter et al	Salaries	6,067.90
Aug. 10	Tyler & Rutherford (Incorporated)	Rent	116.66
19	Yawman & Erbe Manufacturing Co.	Section, etc.	14.00
	Geo. W. Millar & Co.	Manila	450.00
	The Elliott Co.	Stencil blanks, etc.	15.75
20	Lamb & Tilden	Ink	3.00
	W. B. Moses & Sons	Linoleum	3.30
31	H. S. Walter et al	Salaries	6,013.80
Sept. 4	G. W. Millar & Co.	Paper	187.50
9	Yawman & Erbe Manufacturing Co.	Cards	47.50
	Tyler & Rutherford (Incorporated)	Rent	116.66
10	United States Envelope Co.	Envelopes	680.63
	J. P. Nawrath	Twine	64.35
30	Minerva S. Danforth	Services	20.00
	H. S. Walter et al	Salaries	6,049.65
	Total first quarter		20,919.63

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABOR, ETC.—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 2	Chas. Shore	Repairs to bicycle	\$7.50
8	John C. Parker	Copier paper	32.50
	Tyler & Rutherford	Rent	116.66
12	Church & Stephenson	Lumber	52.25
	C. Becker	Broom and oil	1.30
	Thos. E. Trazzare	Brass	2.00
12	Hugh Reilly	Brushes	6.00
	J. Baumgarten & Sons	Repairs to machine	1.40
23	Thos. R. Riley	Lumber	17.69
	Rudolph, West & Co.	Hardware	4.34
31	H. S. Walter et al.	Salaries	5,904.45
Nov. 21	Wm. H. Rupp Co.	Folders	4.50
	W. B. Moses & Sons	Desk	12.75
	Tyler & Rutherford (Incorporated)	Rent	116.66
	H. S. Walter et al.	Salaries	5,764.93
Dec. 1	Woodward & Lothrop	Desks	42.13
	Rudolph, West & Co.	Hardware	7.43
	Geo. F. Muth & Co.	Lead	.80
	Densmore Typewriter Co.	Repairs	4.60
	James B. Lambie Co.	Brads	.24
2	National Electric Supply	Parts of camera stand	18.00
	J. Baumgarten & Sons	Repairs to machine	.25
	United States Envelope Co.	Envelopes	1,502.20
	do.	do	270.00
	Wm. H. Dyer	Panel	3.25
5	Tyler & Rutherford (Incorporated)	Rent	116.66
10	Underwood Typewriter Co.	Stands	8.50
17	Rudolph, West & Co.	Umbrella stand, etc	3.90
21	John C. Parker	Envelopes	132.99
29	Church & Stephenson	Lumber	32.80
31	H. S. Walter et al.	Salaries	5,846.02
	Total second quarter		20,034.70
1904.			
Jan. 14	Yawman & Erbe Manufacturing Co.	Cards	47.50
16	B. W. Huebsch	Yearbooks	2.60
18	W. B. Moses & Sons	Cloth	6.75
	United States Envelope Co.	Envelopes	532.00
19	H. P. Hottenstein	Services	21.43
22	Tyler & Rutherford (Incorporated)	Rent	116.66
26	Church & Stephenson	Lumber	33.50
	do	do	8.53
	Chas. R. Edmonston	Baskets, etc	5.95
27	Hugh Reilly	Glue	2.00
29	Chas. Shore	Repairs to bicycles	1.50
	C. Becker	Harness dressing, etc	5.55
	Geo. F. Muth & Co.	Glass	4.50
31	H. S. Walter et al.	Salaries	5,949.07
	Tyler & Rutherford (Incorporated)	Rent	116.66
Feb. 12	Yawman & Erbe Manufacturing Co.	Sections	48.75
23	United States Envelope Co.	Envelopes	540.00
24	Rudolph, West & Co.	Paste cups	17.40
	Remington Typewriter Co.	Typewriters and covers	184.50
	C. A. Muddiman & Co.	Gas stove	2.30
	W. B. Moses & Sons	Desks	27.00
	Remington Typewriter Co.	Adjusting typewriter	15.75
	H. S. Walter et al.	Salaries	5,816.67
Mar. 2	Chas. Shore	Repairs to bicycle	1.25
	do	do	10.00
3	Tyler & Rutherford	Rent	116.66
	James B. Lambie Co.	Pliers, etc	2.73
5	United States Envelope Co.	Envelopes	1,584.13
24	Lamb & Tilden	Numbering machine	14.00
	George Meier & Co.	Gum arabic	8.00
	The Pullman Automatic Ventilating Co.	Ventilators	15.00
28	J. H. Bunnell & Co.	Shades	2.50
29	Estate John C. Parker	Pan roller	.80
31	H. S. Walter et al.	Salaries	5,789.64
	Total third quarter		21,051.28
Apr. 4	Tyler & Rutherford (Incorporated)	Rent	116.66
6	H. B. Gardner	Services	5.00
9	W. B. Moses & Sons	Cushions	8.00
14	Herman Baumgarten	Repairs to machine	.75
20	Rudolph, West & Co.	Rope	6.31
	M. Du Perow	Electric supplies	1.10
23	The Brown Bag Filling Machine Co.	Paste	2.00
25	James S. Topham	Mail bag	8.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LABOR, ETC.—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 28	Chas. Shore	Engraving	\$10.00
	George Meier Co.	Gum arabic	16.00
30	Annie C. Sullivan	Services	4.00
	H. S. Walter et al.	Salaries	5,844.26
May 4	Tyler & Rutherford (Incorporated)	Rent	116.66
13	Thos. Somerville & Sons	Hinge	.25
18	Chas. J. Bogue	Arc lamp rheostat	21.00
24	Underwood Typewriter Co.	Typewriter	85.00
31	H. S. Walter et al.	Salaries	6,074.87
June 3	Densmore Typewriter Co.	Rebuilding typewriters	75.00
	Church & Stephenson	Lumber	23.70
	George Meier Co.	Gum arabic	40.00
	Tyler & Rutherford (Incorporated)	Rent	116.66
6	Chas. J. Bogue	Coil for lamp, etc.	5.10
11	United States Envelope Co.	Envelopes	1,593.55
	do.	do.	13.60
	C. Becker	Collar pads	1.00
	Rudolph, West & Co.	Brushes, etc.	6.15
	H. C. Davison & Co.	Paper	5.40
	Yawman & Erbe Manufacturing Co.	Cabinet, etc.	73.17
	Woodward & Lothrop	Matting	12.93
	United States Envelope Co.	Envelopes	401.65
29	Densmore Typewriter Co.	Rebuilding typewriters	100.00
30	H. S. Walter et al.	Salaries	6,285.80
	Total fourth quarter		21,074.07
	<i>Supplemental.</i>		
1904.			
July 5	Tyler & Rutherford (Incorporated)	Rent	116.66
7	Clark & Davenport	Linoleum	78.96
	do.	do.	6.72
18	W. B. Moses & Sons	Desks, etc.	99.80
19	American Writing Machine Co.	Typewriter stand	4.00
	Library Bureau	Copier	32.00
	do.	Bases	20.00
	Geo. Meier & Co.	Gum arabic	40.00
	Swayze, Bailey & Co.	Sharpener	3.50
	United States Envelope Co.	Envelopes	532.00
	Yawman & Erbe Manufacturing Co.	Cards	18.00
	do.	Guides	7.18
	do.	Folders, etc.	30.25
20	Herman Baumgarten	Pads for numbering machine	2.20
	Lamb & Tilden	Stamp rack	3.80
	Woodward & Lothrop	Matting, etc.	37.12
Aug. 17	W. B. Moses & Sons	Desks, etc.	77.25
	Thos. R. Riley	Tags	21.25
	Geo. F. Muth & Co.	Paper, etc.	27.86
18	Geo. W. Millar & Co.	Manila paper	180.00
	Library Bureau	Card-index cases	148.00
	Yawman & Erbe Manufacturing Co.	Sections, etc.	124.00
	do.	Cabinet, etc.	29.00
29	Thos. E. Trazzare	Bolt	2.50
	Total		1,642.05

RECAPITULATION.

Total first quarter	\$20,919.63
Total second quarter	20,034.70
Total third quarter	21,051.28
Total fourth quarter	21,074.07
Total supplemental	1,642.05
Total	84,721.73

COLLECTING AGRICULTURAL STATISTICS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 13	C. M. Daugherty	Traveling expenses	\$41.87
24	The Hammond Typewriter Co.	Typewriter	85.00
31	C. E. Edgerton et al.	Salaries	3,824.62
Aug. 1	E. S. Holmes, jr.	Salary	243.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date	Name.	Nature of payment	Total.
1903.			
Aug. 1	J. E. Rickards	Salary	\$234.00
	T. B. Baldwin	do.	189.00
	Jno. J. Darg	do.	189.00
3	J. S. Charlton	do.	182.00
4	B. C. White	do.	196.00
5	L. M. Erskine	do.	50.00
	F. B. Headley	do.	40.00
	C. Bollinger	do.	25.00
	J. L. Cantwell	do.	20.00
6	J. E. Rickards	Traveling expenses	144.90
8	T. C. Holloway	do.	58.55
10	Jno. J. Darg	do.	167.22
14	B. C. White	do.	130.31
	H. M. Creel	Salary	126.00
	Henry Hawkins	do.	20.00
15	Lamb & Tilden	Ink	1.35
17	The American News Co.	Scrapbooks	8.82
	Rand, McNally & Co.	Atlas	18.00
18	R. Carter Ballantyne	Crayons	1.70
19	Heber M. Creel	Traveling expenses	88.29
	W. O. H. Shepard	Salary	20.20
	John S. Charlton	Traveling expenses	112.28
31	C. E. Edgerton et al.	Salaries	3,656.24
Sept. 1	B. C. White	Salary	182.00
	Edwin S. Holmes, jr.	do.	234.00
	Jno. J. Darg	do.	182.00
	John S. Charlton	do.	182.00
	Thos. B. Baldwin	do.	182.00
	H. M. Creel	do.	182.00
3	L. M. Erskine	do.	50.50
4	Lord & Nagle Co.	Directory	2.50
	J. G. Smith	Fountain pen	5.00
8	E. T. Peters	Expenses	43.33
	do.	Salary	171.50
9	H. M. Creel	Traveling expenses	73.10
	T. B. Baldwin	do.	181.09
	W. A. Peck	Salary	80.00
	F. B. Headley	do.	40.00
	J. L. Cantwell	do.	20.20
	R. C. Ballantyne	Envelopes, etc.	25.66
10	B. C. White	Traveling expenses	131.09
	J. J. Darg	do.	143.52
	Library Bureau	Cards	45.45
12	Washington City post-office	Stamps	40.00
16	C. Bollinger	Salary	25.30
	J. W. Schneider	do.	80.00
	E. T. Peters	do.	105.00
	Henry Hawkins	do.	20.20
	W. O. H. Shepard	do.	20.20
	J. E. Rickards	do.	234.00
	do.	Expenses	23.65
	do.	Traveling expenses	48.05
	Church & Stephenson	Lumber	39.62
18	J. S. Charlton	Traveling expenses	135.10
	Norfolk and Washington, D. C., S. B. Co.	Passenger transportation	6.00
	Houston and Texas Central R. R. Co.	do.	7.90
19	Southern Rwy. Co.	do.	27.50
	Denver and Rio Grande R. R. Co.	do.	18.00
	Seaboard Air Line Rwy.	do.	14.55
	Richmond, Fredericksburg and Potomac R. R. Co.	do.	3.50
	Atlantic and North Carolina R. R. Co.	do.	3.25
21	Woodward & Lothrop	Water cooler	10.10
24	Eberhard Faber	Erasers	2.60
30	C. E. Edgerton et al.	Salaries	3,512.30
	Total first quarter		16,407.11
Oct. 1	Thos. B. Baldwin	Salary	182.00
2	B. C. White	do.	203.00
	John L. Cantwell	do.	19.60
	H. M. Creel	do.	182.00
	L. M. Erskine	do.	49.00
	Edwin S. Holmes, jr.	do.	234.00
5	John S. Charlton	do.	182.00
	John J. Darg	do.	182.00
	Washington City post-office	Stamps	10.00
6	Wells W. Miller	Services	200.00
	W. C. Duncan	do.	200.00
	T. J. Anderson	do.	200.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total
1903. Oct. 6	Sarah K. Harwood.....	Services.....	\$200.00
	W. J. Northern.....	do.....	180.00
	Plum A. Rogers.....	do.....	175.00
	F. E. Dawley.....	do.....	175.00
	Chas. H. Morse.....	do.....	150.00
	E. F. Scherbel.....	do.....	150.00
	James H. Lane.....	do.....	137.50
	O. B. Lovette.....	do.....	125.00
	McKenzie R. Todd.....	do.....	125.00
	J. J. Corley.....	do.....	125.00
	Chas. W. Burkett.....	do.....	125.00
	Jas. A. Hayden.....	do.....	112.50
	Daniel E. Morton.....	do.....	75.00
	John T. Cox.....	do.....	75.00
	Edward Wiggin.....	do.....	75.00
	John J. Rosa.....	do.....	75.00
	E. C. Hutchinson.....	do.....	75.00
	E. D. Howe.....	do.....	75.00
	Geo. E. Adams.....	do.....	75.00
	Chas. L. Gold.....	do.....	75.00
	J. E. Ricker.....	Salary.....	234.00
	E. T. Peters.....	do.....	154.00
	C. Bollinger.....	do.....	24.40
9	S. J. Seal.....	Services.....	112.50
	E. E. Kaufman.....	do.....	150.00
	M. T. Lightner.....	do.....	150.00
	L. T. Moulton.....	do.....	175.00
	Wm. G. Whitmore.....	do.....	175.00
	John Cowrie.....	do.....	200.00
	Oswald Wilson.....	do.....	275.00
	S. Arthur Knapp.....	do.....	165.00
	William Nelson.....	do.....	100.00
	A. M. Hawley.....	do.....	112.50
	R. H. Thomas.....	do.....	150.00
	E. M. Hemphill.....	do.....	137.50
	H. W. Vail.....	do.....	75.00
	F. B. Headley.....	do.....	40.00
	Henry Hawkins.....	do.....	19.60
	Geo. W. Perry.....	do.....	112.50
	Thos. B. Baldwin.....	Traveling expenses.....	143.35
	John S. Charlton.....	do.....	158.05
	B. C. White.....	do.....	143.64
	Edwin S. Holmes, jr.....	do.....	5.90
10	Rudolph, West & Co.....	Brooms.....	4.10
	W. O. H. Shepard.....	Services.....	19.60
12	D. Frank Parker.....	Typewriter paper.....	9.00
	The Chesapeake and Potomac Telephone Co.....	Moving phone.....	2.20
	R. P. Andrews & Co. (Incorporated).....	Clips.....	7.99
	W. H. Veerhoff.....	Molding.....	7.20
	Jno. J. Darg.....	Traveling expenses.....	168.42
14	E. G. Ward jr.....	do.....	11.00
	Wm. H. Rupp Co.....	Writing fluid.....	3.00
	James B. Lambie.....	Screwdrivers.....	2.29
19	John W. Schneider.....	Salary.....	40.00
	C. D. Boardman.....	do.....	150.00
	H. W. Desgranges.....	do.....	125.00
22	D. O. Haynes & Co.....	Subscription.....	6.00
	William A. May.....	do.....	4.26
	The Journal of Commerce and Commercial Bulletin.....	do.....	12.00
	The Railroad Gazette.....	do.....	4.20
	Brainard N. Rowley.....	do.....	2.00
	National Railway Publishing Co.....	Official Guide.....	8.00
	C. A. Dockham & Co.....	Report and Directory, 1903.....	6.00
	Curtis, Guild & Co.....	Commercial Bulletin.....	4.00
	I. E. Beerbohm.....	Subscription.....	29.20
	American Agriculturalist.....	do.....	1.00
	Shepherds Bulletin.....	do.....	1.00
	The Railway Age and Northwestern Rail-roader.....	do.....	4.00
	The University of Chicago Press.....	do.....	2.00
	Railway World Publishing Co.....	do.....	4.00
	Geo. H. Ellis Co.....	Journal.....	3.00
	Ginn & Co.....	Political Science.....	3.00
	The Tuttle, Morehouse & Taylor Co.....	Yale Review.....	3.00
	T. B. Veblen.....	Journal of Political Economy.....	3.00
	Oil, Paint, and Drug Reporter.....	Subscription.....	6.00
	Wool and Cotton Reporter.....	do.....	3.00
	The Hawaiian Gazette Co. (Limited).....	do.....	2.50
	D. Appleton & Co.....	"Grain Wheat".....	1.12

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 22	Louisiana Planter and Sugar Manufacturing Co.	Subscription	\$3.00
	The Trade Co.	do.	2.00
	The Macmillan Co.	do.	5.00
	do.	do.	5.00
	Lemcke & Buechner.	Books.	46.80
	H. M. Creel.	Traveling expenses.	90.92
23	Eberhard Faber.	Bands.	18.84
	Geo. W. Millar & Co.	Wrapping paper.	12.50
	do.	do.	18.00
24	Erle R. R. Co.	Passenger transportation.	8.00
28	The Chesapeake and Potomac Telephone Co.	Telephone service.	6.25
	D. Frank Parker.	Ink.	10.80
	The Smith Premier Typewriter Co.	Card platens, etc.	10.70
	J. Geo. Smith.	Pencils, etc.	20.10
	R. P. Andrews & Co. (Incorporated).	Paper.	54.00
	Franklin & Co.	Magnifying glasses.	4.65
	W. B. Moses & Sons.	Rubber, etc.	36.25
	do.	Rug, etc.	58.50
29	Keasbey & Mathison.	Paper.	2.25
31	John S. Charlton.	Salary.	189.00
	Thos. B. Baldwin.	do.	189.00
	Edwin S. Holmes, jr.	do.	252.00
	Burlington and Missouri River R. R. in Nebraska.	Passenger transportation.	17.00
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	3.40
	The Chesapeake and Ohio Rwy. Co.	do.	4.20
	do.	do.	6.70
	Denver and Rio Grande R. R. Co.	do.	13.00
	The Yazoo and Mississippi Valley R. R. Co.	do.	6.80
	do.	do.	6.80
	Chicago and Northwestern Rwy. Co.	do.	28.00
	Chicago, Milwaukee and St. Paul Rwy. Co.	do.	8.00
	The Pullman Co.	do.	19.00
	do.	do.	22.50
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.	4.03
	Baltimore and Ohio R. R.	do.	54.65
	The Lake Shore and Michigan Southern Rwy. Co.	do.	13.50
	Great Northern Rwy. Co.	do.	37.47
	Illinois Central R. R. Co.	do.	4.45
	do.	do.	6.06
	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	7.10
	Oregon Short Line R. R. Co.	do.	33.50
	The Missouri Pacific Rwy. Co.	do.	7.50
	Oregon Short Line R. R. Co.	do.	33.50
	The Missouri Pacific Rwy. Co.	do.	7.50
	Oregon Short Line R. R. Co.	do.	33.00
	Union Pacific R. R. Co.	do.	6.96
	do.	do.	4.30
	Pennsylvania R. R. Co.	do.	6.50
	do.	do.	12.75
	Cincinnati, Hamilton and Dayton Rwy. Co.	do.	4.60
	Pennsylvania R. R. Co.	do.	17.00
	Southern Rwy. Co.	do.	8.00
	do.	do.	27.50
	The Hocking Valley Rwy. Co.	do.	3.70
	Louisville and Nashville R. R. Co.	do.	14.85
	The Cleveland, Akron and Columbus Rwy. Co.	do.	3.85
	The Wabash R. R. Co.	do.	17.50
	Northern Pacific Rwy. Co.	do.	21.08
	The Pullman Co.	do.	19.00
	C. E. Edgerton et al.	Salaries.	3,685.99
Nov. 2	B. C. White.	Salary.	189.00
	John J. Darg.	do.	189.00
	H. M. Creel.	do.	189.00
3	Edwin S. Holmes, jr.	Traveling expenses.	23.40
4	Jno. L. Cantwell.	Salary.	20.20
	Frank B. Headley.	do.	40.00
	United States Envelope Co.	Envelopes.	733.25
	J. Baumgarten & Sons.	Stamp pads.	32.45
7	C. C. Clark.	Traveling expenses.	29.50
	L. M. Erskine.	Salary.	50.50
	Eber S. Peters.	do.	105.00
	W. O. H. Shepard.	do.	20.20
	C. Bollinger.	do.	25.30
	J. E. Rickards.	do.	243.00
	Thos. B. Baldwin.	Traveling expenses.	177.83

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 7	John S. Charlton.....	Traveling expenses.....	\$144.85
	H. M. Creel.....	do.....	78.53
	B. C. White.....	do.....	111.09
	Hugh Reilly.....	Brushes.....	2.00
13	Jno. J. Darg.....	Traveling expenses.....	161.07
19	Edwin S. Holmes, jr.....	Salaries.....	108.00
	E. T. Peters.....	Salary.....	42.00
	Henry Hawkins.....	do.....	20.20
20	Union Envelope Co.....	Envelopes.....	333.41
	E. E. Billow.....	do.....	7.50
21	W. B. Moses & Sons.....	Furniture, etc.....	24.45
	Remington Typewriter Co.....	Typewriter, etc.....	118.65
23	Rand, McNally & Co.....	Atlas.....	12.50
	Richard H. Lea.....	Salary.....	101.00
30	C. E. Edgerton et al.....	Salaries.....	3,399.80
Dec. 1	The Hammond Typewriter Co.....	Ribbons.....	7.50
2	Thos. B. Baldwin.....	Salary.....	175.00
3	B. C. White.....	Traveling expenses.....	187.76
	Jno. J. Darg.....	Salary.....	175.00
	B. C. White.....	do.....	182.00
4	E. S. Peters.....	Traveling expenses.....	60.60
	John Walter Schneider.....	Salary.....	80.00
	L. M. Erskine.....	do.....	49.50
	Jno. L. Cantwell.....	do.....	19.80
	C. Bollinger.....	do.....	24.70
	J. E. Rickards.....	do.....	225.00
	H. M. Creel.....	do.....	175.00
	John S. Charlton.....	do.....	175.00
5	E. S. Peters.....	do.....	175.00
	Frank B. Headley.....	do.....	40.00
9	Thos. B. Baldwin.....	Traveling expenses.....	154.27
10	Henry Hawkins.....	Salary.....	19.80
	John S. Charlton.....	Traveling expenses.....	60.81
	Jno. J. Darg.....	do.....	145.48
	D. Frank Parker.....	Paper.....	90.50
11	E. Morrison Paper Co.....	Pens.....	5.00
	James B. Lambie Co. (Incorporated).....	Locks, etc.....	9.95
	R. Carter Ballantyne.....	Pens, etc.....	19.39
	Hugh Reilly.....	Varnish.....	1.25
	W. B. Moses & Sons.....	Shades.....	8.44
	John C. Parker.....	Stationery supplies.....	117.86
14	Old Dominion Paper Co.....	Memorandum books.....	3.60
	The Hoggson & Pettis Manufacturing Co.....	Copying bath, etc.....	3.83
	The J. Lansburgh Furniture and Carpet Co.....	Typewriter desk.....	44.25
	J. Geo. Smith.....	Pencils, etc.....	28.89
	Woodward & Lothrop.....	Repairs to furniture.....	47.15
16	H. M. Creel.....	Traveling expenses.....	45.75
17	Rudolph, West & Co.....	Waste baskets.....	9.00
	Library Bureau.....	Case.....	25.00
	do.....	Cards.....	13.75
	Eberhard Faber.....	Bands.....	57.60
18	The Lake Shore and Michigan Southern Rwy. Co.....	Passenger transportation.....	3.25
	do.....	do.....	3.25
	New Orleans and Northeastern R. R. Co.....	do.....	5.55
	do.....	do.....	5.55
	The Missouri Pacific Rwy. Co.....	do.....	9.50
	Seaboard Air Line Rwy.....	do.....	21.15
	do.....	do.....	14.70
	Southern California Rwy. Co.....	do.....	7.70
	Louisville and Nashville R. R. Co.....	do.....	14.85
	do.....	do.....	14.85
	The Pullman Co.....	do.....	18.50
	do.....	do.....	16.00
	do.....	do.....	12.00
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	3.90
	do.....	do.....	3.90
	Boston and Maine R. R.....	do.....	9.45
	The Chesapeake and Ohio Rwy. Co.....	do.....	43.70
	do.....	do.....	16.44
	do.....	do.....	28.64
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	17.34
	do.....	do.....	3.15
	Atlantic Coast Line R. R. Co.....	do.....	10.10
	Burlington and Missouri River R. R. in Nebraska.....	do.....	9.10
	The Chicago, Burlington and Quincy Rwy. Co.....	do.....	5.75
	Chicago and Northwestern Rwy. Co.....	do.....	12.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 18	Chicago and Northwestern Rwy. Co.....	Passenger transportation.....	\$6.02
	Central Vermont Rwy. Co.....	do.....	5.55
	Cleveland, Cincinnati and St. Louis Rwy.....	do.....	3.40
	Houston and Texas Central R. R. Co.....	do.....	7.90
	Grand Rapids and Indiana Rwy. Co.....	do.....	4.26
	do.....	do.....	4.26
	Pennsylvania R. R. Co.....	do.....	69.00
	Texas and New Orleans R. R. Co.....	do.....	10.85
	Terre Haute and Logansport Rwy. Co.....	do.....	3.47
	Southern Rwy. Co.....	do.....	23.00
	do.....	do.....	39.50
	Missouri, Kansas and Texas Rwy. Co.....	do.....	7.55
	do.....	do.....	5.65
	Northern Pacific Rwy. Co.....	do.....	3.75
	Oregon Short Line R. R. Co.....	do.....	29.70
	New York Central and Hudson River R. R. Co.....	do.....	3.10
	St. Louis and San Francisco R. R. Co.....	do.....	2.74
	Southern Rwy. Co.....	do.....	15.50
19 21	Wm. Argalus Peck.....	Salary.....	120.00
21	W. O. H. Shepard.....	do.....	19.60
23	Washington City post-office.....	Stamps.....	50.00
26	W. B. Moses & Sons.....	Chair seats, etc.....	17.88
28	E. T. Peters.....	Salary.....	136.50
31	Oswald Wilson.....	Services.....	275.00
	John Cownie.....	do.....	200.00
	Thomas J. Anderson.....	do.....	200.00
	W. W. Miller.....	do.....	200.00
	Sarah K. Harwood.....	do.....	200.00
	Washington C. Duncan.....	do.....	200.00
	W. J. Northern.....	do.....	180.00
	Frank E. Dawley.....	do.....	175.00
	Wm. G. Whitmore.....	do.....	175.00
	Levi T. Moulton.....	do.....	175.00
	Plum A. Rogers.....	do.....	175.00
	S. Arthur Knapp.....	do.....	165.00
	E. E. Kaufman.....	do.....	150.00
	Ernest F. Scherbel.....	do.....	150.00
	Chas. H. Morse.....	do.....	150.00
	Mahlon T. Lightner.....	do.....	150.00
	C. D. Boardman.....	do.....	150.00
	R. H. Thomas.....	do.....	150.00
	James H. Lane.....	do.....	137.50
	Everett M. Hemphill.....	do.....	137.50
	Chas. W. Burkett.....	do.....	125.00
	Jacob J. Corley.....	do.....	125.00
	H. W. Desgranges.....	do.....	125.00
	McKenzie R. Todd.....	do.....	125.00
	Oscar B. Lovette.....	do.....	125.00
	Sherman J. Seal.....	do.....	112.50
	Geo. W. Perry.....	do.....	112.50
	Jas. A. Hayden.....	do.....	112.50
	Alfred M. Hawley.....	do.....	112.50
	William Nelson.....	do.....	100.00
	Edward Wiggin.....	do.....	75.00
	Homer W. Vail.....	do.....	75.00
	John J. Rosa.....	do.....	75.00
	E. C. Hutchinson.....	do.....	75.00
	Geo. E. Adams.....	do.....	75.00
	Chas. L. Gold.....	do.....	75.00
	E. D. Howe.....	do.....	75.00
	John T. Cox.....	do.....	75.00
	Daniel E. Morton.....	do.....	75.00
	C. E. Edgerton et al.....	Salaries.....	3,790.77
	Total second quarter.....		32,564.20
1904. Jan. 2	B. C. White.....	Salary.....	182.00
	Jno. J. Darg.....	do.....	182.00
	Thos. B. Baldwin.....	do.....	189.00
	John S. Charlton.....	do.....	189.00
	J. E. Rickards.....	do.....	243.00
4	Thos. B. Baldwin.....	Traveling expenses.....	29.85
5	H. M. Creel.....	Salary.....	189.00
	Fred. E. Brooks.....	do.....	65.20
	Jno. L. Cantwell.....	do.....	20.20
	L. M. Erskine.....	do.....	50.50
7	Remington Typewriter Co.....	Ribbons.....	41.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 8	W. B. Moses & Sons.....	Chairs.....	\$18.20
14	U. S. Envelope Co.....	Envelopes.....	54.14
	W. O. H. Shepard.....	Salary.....	20.20
	Henry Hawkins.....	do.....	20.20
	C. Bollinger.....	do.....	25.30
	Frank B. Headley.....	do.....	40.00
16	H. M. Creel.....	Traveling expenses.....	84.27
	S. W. Halsey.....	Salary.....	10.27
25	John Walter Schneider.....	do.....	40.00
	Northern Pacific Rwy. Co.....	Passenger transportation.....	18.25
	New York, New Haven and Hartford R. R. Co.....	do.....	4.50
	Louisville and Nashville R. R. Co.....	do.....	24.44
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	7.80
	St. Louis and San Francisco R. R. Co.....	do.....	8.10
	Baltimore and Ohio R. R. Co.....	do.....	3.10
	Chesapeake and Ohio Ry. Co.....	do.....	6.70
	Central of Georgia Rwy. Co.....	do.....	11.66
	Fort Worth and Denver City Rwy. Co.....	do.....	10.05
	The Cleveland, Akron and Columbus Rwy. Co.....	do.....	3.85
	Illinois Central R. R. Co.....	do.....	11.85
	The Texas and Pacific Rwy. Co.....	do.....	19.20
	Maine Central R. R. Co.....	do.....	3.95
	Denver and Rio Grande R. R. Co.....	do.....	14.00
	The Wabash R. R. Co.....	do.....	15.55
	Seaboard Air Line Rwy.....	do.....	14.70
	The Missouri Pacific Rwy. Co.....	do.....	13.25
	Pennsylvania R. R. Co.....	do.....	10.00
26	E. S. Peters.....	Traveling expenses.....	129.55
	John C. Parker.....	Pens and pencils.....	23.34
	D. Frank Parker.....	Typewriter paper.....	45.00
27	Hugh Reilly.....	Shellac.....	9.50
28	The Chesapeake and Ohio Rwy Co.....	Passenger transportation.....	6.70
29	R. P. Andrews & Co. (Incorporated).....	Pads and cards.....	58.55
	do.....	Cardboard.....	3.20
	Keasbey & Mattison Co.....	Pipe covering.....	3.46
	E. T. Peters.....	Expenses.....	73.68
	O'Connor & Co.....	Periodical.....	5.00
	Geo. W. Millar & Co.....	Wrapping paper.....	25.00
	Barber & Ross.....	Scissors.....	8.80
31	E. S. Holmes, jr., et al.....	Salaries.....	4,077.97
Feb. 1	Jno. J. Darg.....	Salary.....	175.00
	H. M. Creel.....	do.....	182.00
	Thos. B. Baldwin.....	do.....	182.00
2	John S. Charlton.....	do.....	182.00
	Wm. Argalus Peck.....	do.....	59.35
	E. T. Peters.....	do.....	168.00
	B. C. White.....	do.....	175.00
	J. E. Rickards.....	do.....	234.00
3	Adams Express Co.....	Transportation.....	.30
4	Jno. L. Cantwell.....	Salary.....	20.40
5	Thos. Cook & Son.....	Hotel coupons.....	128.00
6	C. Bollinger.....	Salary.....	25.50
	L. M. Erskine.....	do.....	51.10
	F. B. Headley.....	do.....	40.00
	John S. Charlton.....	Traveling expenses.....	70.60
	E. T. Peters.....	do.....	87.35
	B. C. White.....	do.....	71.99
	H. M. Creel.....	do.....	57.67
8	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
11	Thomas P. Cooper.....	Salary.....	40.00
	Henry Hawkins.....	do.....	20.40
	W. O. H. Shepard.....	do.....	20.40
12	U. S. Envelope Co.....	Envelopes.....	158.65
16	Washington City Post-Office.....	Stamps.....	10.00
17	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	24.88
	The Chicago, Burlington and Quincy Rwy. Co.....	do.....	35.80
	do.....	do.....	36.35
18	The Texas and Pacific Rwy. Co.....	do.....	16.70
	Missouri Pacific Rwy. Co.....	do.....	10.46
	Nashville, Chattanooga and St. Louis Rwy.....	do.....	15.50
	Louisville and Nashville R. R. Co.....	do.....	14.85
	The Kanawha and Michigan Rwy. Co.....	do.....	4.11
	Union Pacific R. R. Co.....	do.....	9.65
	The Pullman Co.....	do.....	23.00
	do.....	do.....	30.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 18	The Pullman Co.	Passenger Transportation	\$11.00
	do.	do.	20.00
	do.	do.	18.00
	The Wabash R. R. Co.	do.	4.45
	New Orleans and Northeastern R. R. Co.	do.	5.55
	Illinois Central R. R. Co.	do.	6.60
	Pennsylvania Company	do.	17.50
	Northern Pacific Rwy. Co.	do.	23.50
	Grand Rapids and Indiana Rwy. Co.	do.	4.25
	Georgia R. R.	do.	14.00
	Houston and Texas Central R. R. Co.	do.	13.90
	Chicago and Northwestern Rwy. Co.	do.	12.75
	do.	do.	22.02
	Chicago and Eastern Illinois R. R. Co.	do.	3.73
	Chicago, Milwaukee and St. Paul Rwy. Co.	do.	13.35
	do.	do.	26.40
	Great Northern Rwy. Co.	do.	33.94
	E. T. Peters	Traveling expenses	35.78
19	do.	Salary	175.00
23	The Hoggson & Pettis Manufacturing Co.	Cloths	.80
	The Barrick Publishing Co.	Book	3.00
	J. H. Bunnell & Co.	Shades	4.10
	H. R. Danielson	Salary	20.65
24	W. B. Moses & Sons	Furniture	50.05
	Woodward & Lothrop	Furniture, etc.	17.78
	Remington Typewriter Co.	Adjusting typewriter	16.00
	Church & Stephenson	Lumber	7.50
27	Western Union Telephone Co.	Telephone service	91.30
29	John S. Charlton	Salary	175.00
	Thos. B. Baldwin	do.	175.00
	J. E. Rickards	do.	225.00
	Jno. J. Darg	do.	175.00
	E. S. Holmes et al.	Salaries	3,836.60
Mar. 2	Edwin S. Holmes, jr.	Traveling expenses	33.65
	B. C. White	Salary	175.00
	H. M. Creel	do.	175.00
	C. Bollinger	do.	24.00
3	Jno. L. Cantwell	do.	19.20
	L. M. Erskine	do.	47.80
	W. B. Moses & Sons	Furniture, etc.	77.80
	John S. Charlton	Traveling expenses	122.52
4	Jno. J. Darg	do.	91.71
	Thos. B. Baldwin	do.	86.05
5	B. C. White	do.	137.60
	U. S. Envelope Co.	Envelopes	1,095.36
10	Henry Hawkins	Salary	19.20
	F. B. Headley	do.	40.00
	H. R. Danielson	do.	40.00
	Thomas P. Cooper	do.	40.00
11	W. O. H. Shepard	do.	19.20
	Postal Telegraph Cable Co.	Telegraph service	10.13
	The Smith-Powell Paper Co. (Incorporated)	Stationery supplies	22.15
16	E. T. Peters	Salary	168.00
	do.	Traveling expenses	24.63
17	Denver and Rio Grande R. R. Co.	Passenger transportation	59.00
	Grand Rapids and Indiana Rwy. Co.	do.	7.00
	Great Northern Rwy. Co.	do.	23.47
	Houston and Texas Central R. R. Co.	do.	14.45
	Chicago, Milwaukee and St. Paul Rwy. Co.	do.	3.50
	Chicago, Rock Island and Pacific Rwy. Co.	do.	20.47
	Burlington and Missouri River R. R. in Nebraska.	do.	44.75
18	Missouri, Kansas and Texas Rwy. Co. of Texas.	do.	7.90
	Southern Rwy. Co.	do.	27.50
	St. Louis and San Francisco R. R. Co.	do.	5.48
	Missouri, Kansas and Texas Rwy. Co. of Texas.	do.	13.25
	The Missouri Pacific Rwy. Co.	do.	9.15
	Norfolk and Washington (D.C.) Steamboat Co.	do.	3.00
	The Lake Shore and Michigan Southern Rwy. Co.	do.	3.25
24	Barber & Ross	Glue	2.10
	R. Carter Ballantyne	Stationery supplies	53.15
	Library Bureau	Cards	9.00
	J. C. Parker, Mary E. Parker, executrix.	Paper, etc.	24.50
	J. Geo. Smith	Cardboard	4.95
	do.	Penholders	3.00
26	Lewis F. Sloan	Services	199.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 28	The Pullman Co.....	Passenger transportation.....	\$28.25
	.....do.....	.....do.....	9.00
	The Wabash R. R. Co.....	.....do.....	9.40
31	H. W. Desgranges.....	Services.....	125.00
	E. M. Hemphill.....	.....do.....	137.50
	James H. Lane.....	.....do.....	137.50
	S. Arthur Knapp.....	.....do.....	165.00
	P. A. Rogers.....	.....do.....	175.00
	F. E. Dawley.....	.....do.....	175.00
	L. T. Moulton.....	.....do.....	175.00
	W. G. Whitmore.....	.....do.....	175.00
	W. J. Northen.....	.....do.....	180.00
	Oswald Wilson.....	.....do.....	275.00
	E. S. Holmes, jr., et al.....	Salaries.....	4,041.02
	Total third quarter.....		22,816.47
Apr. 4	H. M. Creel.....	Traveling expenses.....	135.40
	Thos. Cook & Son.....	Passenger transportation.....	315.66
	B. C. White.....	Salary.....	189.00
	H. M. Creel.....	.....do.....	189.00
	John S. Charlton.....	.....do.....	189.00
	Thos. B. Baldwin.....	.....do.....	189.00
	Jno. J. Darg.....	.....do.....	189.00
	J. E. Rickards.....	.....do.....	243.00
6	H. R. Danielson.....	.....do.....	40.00
	Jno. L. Cantwell.....	.....do.....	20.40
	C. Bollinger.....	.....do.....	25.50
	L. M. Erskine.....	.....do.....	51.10
7	Jno. J. Darg.....	Traveling expenses.....	163.58
	F. B. Headley.....	Salary.....	40.00
	Thomas P. Cooper.....	.....do.....	40.00
9	Henry Hawkins.....	.....do.....	20.40
	The Smith-Powell Paper Co. (Incorporated).....	Mucilage cups, etc.....	5.00
	R. P. Andrews & Co. (Incorporated).....	Paste.....	4.90
	W. O. H. Shepard.....	Salary.....	20.40
11	H. M. Creel.....	Traveling expenses.....	69.52
	Richard H. Lea.....	Salary.....	297.90
14	E. S. Holmes, jr.....	Traveling expenses.....	55.95
15	Chas. M. Daugherty.....	Services.....	91.00
	Almont Barnes.....	.....do.....	72.00
18	Postal Telegraph-Cable.....	Telegraph service.....	2.72
	Western Union Telegraph Co.....	.....do.....	12.01
	Thos. B. Baldwin.....	Traveling expenses.....	167.66
19	John S. Charlton.....	.....do.....	79.56
20	St. Louis Southwestern Rwy. Co. of Texas.....	Passenger transportation.....	16.50
	Pere Marquette R. R. Co.....	.....do.....	3.20
	The Chicago, Burlington and Quincy R. R. Co.....	.....do.....	12.50
	.....do.....	.....do.....	19.25
	Chicago, Milwaukee and St. Paul Rwy. Co.....	.....do.....	19.35
	Missouri, Kansas and Texas Rwy. Co.....	.....do.....	4.75
	Northern Pacific Rwy. Co.....	.....do.....	4.56
	New York, New Haven and Hartford R. R. Co.....	.....do.....	12.00
	Pennsylvania R. R. Co.....	.....do.....	19.25
	Chicago and Alton Rwy. Co.....	.....do.....	7.50
	The Lake Shore and Michigan Southern Rwy. Co.....	.....do.....	3.25
	Richard H. Lea.....	Salary.....	51.10
	E. T. Peters.....	.....do.....	189.00
	.....do.....	Traveling expenses.....	69.93
21	C. E. Edgerton.....	.....do.....	38.56
23	Eberhard Faber.....	Rulers.....	3.92
25	D. Frank Parker.....	Typewriter paper.....	27.00
	E. S. Newman.....	Pads for machines.....	6.00
	Remington Typewriter Co.....	Copyholders.....	4.00
	Wm. H. Rupp Co.....	Writing fluid.....	6.00
27	B. C. White.....	Traveling expenses.....	65.87
28	Frankfort and Cincinnati Rwy. Co.....	Passenger transportation.....	2.80
	Chicago, St. Paul, Minneapolis and Omaha Rwy.....	.....do.....	6.15
	Choctaw, Oklahoma and Gulf R. R. Co.....	.....do.....	11.40
	Chicago, Rock Island and Gulf Rwy. Co.....	.....do.....	7.41
	Chicago and Alton Rwy. Co.....	.....do.....	7.50
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	.....do.....	7.45
	.....do.....	.....do.....	3.40
	The Chesapeake and Ohio Rwy. Co.....	.....do.....	19.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 28	The Chesapeake and Potomac Telephone Co..	Telephone service.....	\$6.25
	Joseph L. Crupper.....	Boxes.....	39.00
	The Hocking Valley Rwy. Co.....	Passenger transportation.....	8.35
	Louisville and Nashville R. R. Co.....	do.....	27.50
	The Missouri Pacific Rwy. Co.....	do.....	9.40
	Pere Marquette R. R. Co.....	do.....	1.94
	Pennsylvania Co.....	do.....	21.95
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do.....	3.90
	Pennsylvania R. R. Co.....	do.....	56.80
	Southern Rwy. Co.....	do.....	27.50
30	Jno. J. Darg.....	Salary.....	182.00
	Thos. B. Baldwin.....	do.....	182.00
	John S. Charlton.....	do.....	182.00
	Chas. M. Daugherty.....	do.....	91.00
	Almont Barnes.....	do.....	72.00
May 2	E. S. Holmes, jr., et al.....	Salaries.....	3,396.19
	J. E. Rickards.....	Traveling expenses.....	6.75
	do.....	Salary.....	234.00
	H. M. Creel.....	do.....	182.00
	B. C. White.....	do.....	182.00
4	Thos. B. Baldwin.....	Traveling expenses.....	149.45
	A. B. Dick Co.....	Cylinder, etc.....	5.00
	H. R. Danielson.....	Salary.....	40.00
7	John Underwood & Co.....	Carbon paper.....	9.95
	Jno. L. Cantwell.....	Salary.....	19.80
9	Edwin S. Holmes, jr.....	Traveling expenses.....	75.40
	Jno. J. Darg.....	do.....	158.28
11	B. C. White.....	do.....	127.25
	L. M. Erskine.....	Salary.....	49.50
	Thomas P. Cooper.....	do.....	40.00
	Henry Hawkins.....	do.....	19.80
	F. B. Headly.....	do.....	40.00
	C. Bolinger.....	do.....	24.70
13	Library Bureau.....	Cards, etc.....	20.90
	The Maurice Joyce Engraving Co.....	Engraving.....	2.50
	Western Union Telegraph Co.....	Telegraph service.....	112.40
	James B. Lambie Co. (Incorporated).....	Brackets.....	4.48
	W. B. Moses & Sons.....	Chairs.....	18.05
	M. Du Perow.....	Buzzers, etc.....	6.60
	Woodward & Lothrop.....	Desk, etc.....	50.94
	Barber & Ross.....	Locks, etc.....	2.99
14	Almont Barnes.....	Salary.....	48.00
	C. M. Daugherty.....	do.....	84.00
16	H. M. Creel.....	Traveling expenses.....	48.74
17	John S. Charlton.....	do.....	104.42
18	Pennsylvania Company.....	Passenger transportation.....	17.50
	The Chesapeake and Ohio Rwy. Co.....	do.....	6.70
	Chicago and Alton Rwy. Co.....	do.....	12.25
	The Wabash R. R. Co.....	do.....	7.50
	Union Pacific R. R. Co.....	do.....	3.60
	Grand Rapids and Indianapolis Rwy. Co.....	do.....	3.60
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do.....	12.25
	Denver and Rio Grande R. R. Co.....	do.....	32.05
May 20	W. O. H. Sheppard.....	Salary.....	19.80
23	E. T. Peters.....	do.....	175.00
24	Swayze, Bailey & Co.....	Mimeograph paper, etc.....	21.10
	D. Frank Parker.....	Ribbons, etc.....	16.35
	U. S. Envelope Co.....	Envelopes.....	518.61
	Pearre E. Crowl Co.....	Stamp rubber.....	59.50
25	E. T. Peters.....	Traveling expenses.....	30.82
26	Remington Typewriter Co.....	Typewriter carriage.....	23.50
	Pennsylvania R. R. Co.....	Passenger transportation.....	19.20
	Burlington and Missouri River R. R. in Nebraska.....	do.....	55.85
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	14.59
	Old Dominion Steamship Co.....	do.....	2.50
31	A. G. Masius.....	Salary.....	15.00
	Almont Barnes.....	do.....	84.00
	Chas. M. Daugherty.....	do.....	98.00
	F. S. Holmes, jr., et al.....	Salaries.....	3,263.79
June 1	S. W. Halsey.....	Salary.....	71.60
	Jno. J. Darg.....	do.....	182.00
	Thos. B. Baldwin.....	do.....	182.00
	H. M. Creel.....	do.....	182.00
	B. C. White.....	do.....	182.00
	John S. Charlton.....	do.....	182.00
	J. E. Rickards.....	do.....	234.00
3	B. C. White.....	Traveling expenses.....	149.95

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 3	Adams Express Co.	Passenger transportation	\$0.35
	do.	do. ....	.35
	National Electric Supply Co.	Shades	2.55
	The Smith Premier Typewriter Co.	Repairs	1.00
	G. W. Littlejohn	Maps	41.88
6	J. P. Nawrath	Twine	6.10
	Wolf Bros.	Envelopes	255.00
	Thos. B. Baldwin	Traveling expenses	157.70
	Jno. J. Darg	do.	146.58
	J. S. Lee	Dust protectors	15.00
8	Stephen D. Fessenden	Traveling expenses	113.15
	Henry Hawkins	Salary	20.40
	H. R. Danielson	do.	40.00
	C. Bollinger	do.	25.60
	Jno. L. Cantwell	do.	20.40
	L. M. Erskine	do.	51.00
	F. B. Headley	do.	40.00
	Thos. P. Cooper	do.	40.00
	James G. Pepper	Traveling expenses	79.17
11	John S. Charlton	do.	72.50
15	Almont Barnes	Salary	87.00
	A. G. Masius	do.	25.00
	C. M. Daugherty	do.	91.00
	H. M. Creel	Traveling expenses	110.26
17	James G. Pepper	do.	35.64
	W. O. H. Shepard	Salary	20.40
18	Richard H. Lea	do.	100.50
20	Geo. W. Millar & Co.	Paper	18.00
	The Smith Premier Typewriter Co.	Repairs	6.00
	Western Union Telegraph Co.	Telegraph service	14.96
24	E. T. Peters	Salary	182.00
	do.	Traveling expenses	37.27
	L. F. Sloan	Services	75.80
30	A. G. Masius	Salary	35.00
	C. M. Daugherty	do.	91.00
	Thos. B. Baldwin	do.	182.00
	C. H. Morse	do.	150.00
	Fred. E. Brooks	do.	125.00
	P. A. Rogers	do.	175.00
	E. C. Hutchinson	do.	75.00
	F. E. Dawley	do.	175.00
	Geo. E. Adams	do.	75.00
	John T. Cox	do.	75.00
	E. D. Howe	do.	75.00
	C. L. Gold	do.	75.00
	E. E. Kaufman	do.	150.00
30	C. W. Burkett	do.	125.00
	R. H. Thomas	do.	150.00
	James H. Lane	do.	137.50
	Edward Wiggin	do.	75.00
	A. M. Hawley	do.	112.50
	H. W. Desgranges	do.	125.00
	D. E. Morton	do.	75.00
	E. M. Hemphill	do.	137.50
	M. T. Lightner	do.	150.00
	John J. Rosa	do.	75.00
	Wells W. Miller	do.	200.00
	Wm. G. Whitmore	do.	175.00
	McKensie R. Todd	do.	125.00
	S. Arthur Knapp	do.	165.00
	T. J. Anderson	do.	200.00
	Sarah K. Harwood	do.	200.00
	E. F. Scherbel	do.	150.00
	L. T. Moulton	do.	175.00
	Oswald Wilson	do.	275.00
	H. W. Vail	do.	75.00
	William Nelson	do.	100.00
	John Cownie	do.	200.00
	Sherman J. Seal	do.	112.50
	C. D. Boardman	do.	150.00
	W. C. Duncan	do.	200.00
	O. B. Lovette	do.	125.00
	J. A. Hayden	do.	112.50
	Jacob J. Corley	do.	125.00
	Jno. J. Darg	do.	182.00
	B. C. White	do.	182.00
	John S. Charlton	do.	182.00
	H. M. Creel	do.	182.00
	J. E. Rickards	do.	234.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 30	J. E. Richards.....	Traveling expenses.....	\$3.25
	Geo. W. Perry.....	Salary.....	112.50
	E. S. Holmes et al.....	Salaries.....	3,204.38
	Total fourth quarter.....		27,320.24
	<i>Supplemental.</i>		
July 1	Almont Barnes.....	Salary.....	36.00
5	B. C. White.....	Traveling expenses.....	117.12
6	Thos. B. Baldwin.....	do.....	133.14
	Jno. J. Darg.....	do.....	153.92
	John S. Charlton.....	do.....	94.00
8	R. H. Lea.....	Salary.....	26.37
11	C. B. Bollinger.....	do.....	24.70
	Jno. L. Cantwell.....	do.....	19.80
	L. M. Erskine.....	do.....	49.50
	Henry Hawkins.....	do.....	19.80
	Thos. P. Cooper.....	do.....	40.00
	H. R. Danielson.....	do.....	40.00
	F. B. Headley.....	do.....	40.00
15	H. M. Creel.....	Traveling expenses.....	58.38
	W. O. H. Shepard.....	Services.....	19.80
18	E. T. Peters.....	do.....	175.00
	do.....	Expenses.....	58.50
19	Swayze, Bailey & Co.....	Files, etc.....	21.96
20	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	64.45
	A. F. Jorss.....	Mail bag rack.....	15.00
	Freund & Anderson.....	Screens.....	8.00
	Remington Typewriter Co.....	Copyholders, etc.....	10.90
	F. A. Schmidt.....	Mucilage.....	2.10
	The Smith Premier Typewriter Co.....	Typewriter, etc.....	91.50
23	Southern Rwy. Co.....	Passenger transportation.....	39.90
	Washington Southern Rwy. Co.....	do.....	3.50
30	Missouri, Kansas and Texas Rwy. Co.....	do.....	14.50
	Seaboard Air Line Rwy.....	do.....	11.20
	Union Pacific R. R. Co.....	do.....	15.36
	The Wabash R. R. Co.....	do.....	8.00
	San Antonio and Aransas Pass Rwy. Co.....	do.....	6.30
	The Texas and Pacific Rwy. Co.....	do.....	19.20
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	16.65
	do.....	do.....	22.40
	The Chicago, Burlington and Quincy Rwy. Co.....	do.....	22.63
	Cleveland, Cincinnati and St. Louis Rwy. Co.....	do.....	15.10
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	10.87
	Grand Rapids and Indiana Rwy. Co.....	do.....	4.26
	Great Northern Rwy. Co.....	do.....	22.70
	do.....	do.....	18.97
	Denver and Rio Grande R. R. Co.....	do.....	14.00
	Chicago and Northwestern Rwy. Co.....	do.....	38.00
	The Missouri Pacific Rwy. Co.....	do.....	5.80
	The Lake Shore and Michigan Southern Rwy. Co.....	do.....	6.50
Aug. 1	S. W. Halsey.....	Services.....	69.20
	W. J. Northern.....	do.....	180.00
2	J. E. Rickards.....	Traveling expenses.....	1.50
3	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	1.17
	do.....	do.....	6.25
16	Western Union Telegraph Co.....	Telegraph service.....	15.41
17	American Grocer.....	Subscription for one year.....	3.00
	Comtelburo (Limited).....	do.....	8.52
	Lamb & Tilden.....	Ink.....	6.00
18	Fruit World Publishing Co.....	Subscription.....	1.00
	Willett & Gray.....	do.....	15.00
22	L. F. Sloan.....	Salary.....	24.70
Sept. 19	Hocking Valley Rwy. Co.....	Passenger transportation.....	3.70
	Minneapolis, St. Paul and Sault Ste. Marie Rwy.....	do.....	2.45
	St. Louis and San Francisco R. R. Co.....	do.....	27.51
	Morgan's Louisiana and Texas R. R. and S. S. Co.....	do.....	10.85
	Chicago, St. Paul, Minneapolis and Omaha Rwy.....	do.....	8.65
	Michigan Central R. R. Co.....	do.....	3.80
	Louisville and Nashville R. R. Co.....	do.....	14.85
	New Orleans and Northwestern R. R. Co.....	do.....	9.60
	Michigan Central R. R. Co.....	do.....	3.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Sept. 19	Grand Rapids and Indiana Rwy. Co.....	Passenger transportation.....	\$4.26
	.....do.....	.....do.....	3.60
	.....do.....	.....do.....	12.12
	Great Northern Rwy. Co.....	.....do.....	18.55
	Gulf, Colorado and Santa Fé Rwy. Co.....	.....do.....	3.15
	Houston East and West Texas Rwy. Co.....	.....do.....	6.95
	Union Pacific R. R. Co.....	.....do.....	31.69
	The Missouri Pacific Rwy. Co.....	.....do.....	27.19
	Northern Pacific Rwy. Co.....	.....do.....	21.90
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	.....do.....	11.53
	Chicago, Milwaukee and St. Paul Rwy. Co. ....	.....do.....	10.80
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	.....do.....	3.90
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	.....do.....	3.40
	Chicago and Northwest Rwy. Co.....	.....do.....	9.13
	International and Great Northern R. R. Co.....	.....do.....	3.40
	Missouri, Kansas and Texas Rwy. Co. of Texas.	.....do.....	3.00
	Chicago and Northwestern Rwy. Co.....	.....do.....	7.80
	Chicago, Rock Island and Pacific Rwy. Co.....	.....do.....	34.67
	.....do.....	.....do.....	17.25
	Burlington and Missouri River R. R. in Nebraska.	.....do.....	4.07
	Oregon Short Line R. R. Co.....	.....do.....	19.60
	The Chicago, Burlington and Quincy Rwy. Co.	.....do.....	55.05
	Denver and Rio Grande R. R. Co.....	.....do.....	14.00
	The Atchison, Topeka and Santa Fé Rwy.....	.....do.....	23.81
	.....do.....	.....do.....	13.85
	The Texas Pacific Rwy. Co.....	.....do.....	9.60
	Baltimore and Ohio R. R. Co.....	.....do.....	6.73
	.....do.....	.....do.....	17.24
	.....do.....	.....do.....	13.10
	The Pullman Co.....	.....do.....	2.50
	.....do.....	.....do.....	64.50
	.....do.....	.....do.....	13.50
	.....do.....	.....do.....	8.50
	The Wabash R. R. Co.....	.....do.....	42.75
	.....do.....	.....do.....	9.70
	.....do.....	.....do.....	4.45
	The Chesapeake and Ohio Rwy. Co.....	.....do.....	6.70
	.....do.....	.....do.....	43.70
	The Lake Shore and Michigan Southern Rwy. Co.	.....do.....	3.25
	Southern Rwy. Co.....	.....do.....	27.50
	Pere Marquette R. R. Co.....	.....do.....	8.82
	The Yazoo and Mississippi Valley R. R. Co..	.....do.....	6.80
	The Lake Shore and Michigan Southern Rwy. Co.	.....do.....	13.50
20	Harris & Shafer Co.....	Repairs to clock.....	1.60
	Adams Express Co.....	Transportation.....	2.55
24	The Chesapeake and Ohio Rwy. Co.....	Passenger transportation.....	6.70
	Western Union Telegraph Co.....	Telegraph service.....	19.64
	Total.....		2,755.27

RECAPITULATION.

Total first quarter	\$16,407.11
Total second quarter	32,564.20
Total third quarter	22,816.47
Total fourth quarter	27,320.24
Total supplemental	2,755.27
Total	101,863.29

158 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 10	Pennsylvania R. R. Co.....	Passenger transportation.....	\$78.25
1904.			
Jan. 15	The Public Printer.....	Printing Crop Report.....	665.40
	Southern Pacific Co.....	Passenger transportation.....	24.73
Feb. 17	.....do.....	.....do.....	67.35
Sept. 8	.....do.....	.....do.....	80.00
	Total.....		915.73

COLLECTING AGRICULTURAL STATISTICS—1903-4.

1903.			
July 1	B. C. White.....	Salary.....	\$182.00
	J. S. Charlton.....	.....do.....	182.00
	T. B. Baldwin.....	.....do.....	182.00
27	S. D. Fessenden.....	Traveling expenses.....	58.06
Aug. 14	T. B. Baldwin.....	.....do.....	149.19
	Total first quarter.....		753.25
Oct. 10	Stephen D. Fessenden.....	Traveling expenses.....	99.66
Nov. 7	.....do.....	.....do.....	156.85
Dec. 10	.....do.....	.....do.....	140.68
22	.....do.....	.....do.....	59.05
	Total second quarter.....		456.24
1904.			
Jan. 25	Great Northern Rwy. Co.....	Passenger transportation.....	25.80
Feb. 18	The Oregon R. R. and Navigation Co.....	.....do.....	11.55
Mar. 31	John J. Rosa.....	Services.....	75.00
	H. W. Vail.....	.....do.....	75.00
	E. D. Howe.....	.....do.....	75.00
	D. E. Morton.....	.....do.....	75.00
	E. C. Hutchinson.....	.....do.....	75.00
	John T. Cox.....	.....do.....	75.00
	Edward Wiggin.....	.....do.....	75.00
	Geo. E. Adams.....	.....do.....	75.00
	Chas. L. Gold.....	.....do.....	75.00
	William Nelson.....	.....do.....	100.00
	S. J. Seal.....	.....do.....	112.50
	A. M. Hawley.....	.....do.....	112.50
	Geo. W. Perry.....	.....do.....	112.50
	Jas. A. Hayden.....	.....do.....	112.50
	Fred. E. Brooks.....	.....do.....	125.00
	O. B. Lovette.....	.....do.....	125.00
	C. W. Burkett.....	.....do.....	125.00
	J. J. Corley.....	.....do.....	125.00
	McKenzie R. Todd.....	.....do.....	125.00
	C. D. Boardman.....	.....do.....	150.00
	M. T. Lightner.....	.....do.....	150.00
	E. E. Kaufman.....	.....do.....	150.00
	E. F. Scherbel.....	.....do.....	150.00
	C. H. Morse.....	.....do.....	150.00
	R. H. Thomas.....	.....do.....	150.00
	Wells W. Miller.....	.....do.....	200.00
	T. J. Anderson.....	.....do.....	200.00
	W. C. Duncan.....	.....do.....	200.00
	John Cownie.....	.....do.....	200.00
	Sarah K. Harwood.....	.....do.....	200.00
	Total third quarter.....		3,787.35

RECAPITULATION.

Total first quarter.....	\$753.25
Total second quarter.....	456.24
Total third quarter.....	3,787.35
Total.....	4,996.84

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FOREIGN MARKETS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	F. M. Dearing et al.	Salaries.	\$494.82
Aug. 17	Library Bureau.	Scrapbooks.	6.00
31	F. M. Dearing et al.	Salaries.	478.41
Sept. 30	do.	do.	464.80
	Total first quarter		1,444.03
Oct. 24	Keystone Type Foundry.	Type.	191.02
31	F. M. Dearing et al.	Salaries.	472.60
Nov. 4	Southern Printers' Supply Co.	Cases, etc.	10.80
	do.	Mailing machine, etc.	120.34
7	Remington Typewriter Co.	Roller.	2.45
13	Southern Printers' Supply Co.	Quads.	28.05
	F. W. Dearing et al.	Salaries.	464.80
Dec. 2	Southern Printers' Supply Co.	Type.	4.06
10	do.	do.	10.20
17	Keystone Type Foundry.	do.	7.77
28	Inland Type Foundry.	do.	9.40
31	F. M. Dearing et al.	Salaries.	472.60
	Total second quarter		1,794.09
1904.			
Jan. 8	George K. Holmes.	Traveling expenses.	99.25
16	Keystone Type Foundry.	Type.	8.88
26	Frank R. Rutter.	Traveling expenses.	70.00
31	F. M. Dearing et al.	Salaries.	486.40
Feb. 29	do.	do.	467.20
Mar. 28	Estate of John C. Parker.	Record paper.	18.00
31	E. S. Newman.	Cleaning machine, etc.	10.50
	F. M. Dearing et al.	Salaries.	486.40
	Total third quarter		1,646.63
Apr. 9	E. S. Newman.	Repairs to machine.	20.50
	W. B. Moses & Sons.	Units.	88.25
12	Union Envelope Co.	Envelopes.	7.70
	Grant Carpenter.	Repairing.	25.00
20	Inland Type Foundry.	Quads.	47.00
	American Type Founders' Co.	Type.	16.85
25	Wm. H. Rupp Co.	Paper.	3.75
30	F. M. Dearing et al.	Salaries.	651.60
May 11	E. G. Ward.	Traveling expenses.	61.05
16	Mary E. Parker, executrix.	Pair knives.	.65
26	Swayze, Bailey & Co.	Paper.	15.00
31	F. M. Dearing et al.	Salaries.	666.80
June 3	R. Carter Ballantyne.	Envelopes, etc.	19.56
8	E. G. Ward.	Traveling expenses.	167.23
11	Grant Carpenter.	Repairs to arithmometer.	25.00
	do.	do.	25.00
20	Adams Express Co.	Transportation.	2.25
	The Chesapeake and Potomac Telephone Co.	Telephone service.	1.20
30	F. M. Dearing et al.	Salaries.	532.60
	Total fourth quarter		2,376.72
July 30	Gulf, Colorado and Santa Fe Rwy. Co.	Passenger transportation.	12.30
	Chesapeake S. S. Co.	do.	3.00
	Norfolk and Washington, D. C., S. B. Co.	do.	3.00
	do.	do.	3.00
	New York, New Haven and Hartford R. R. Co.	do.	5.00
Aug. 17	Wm. H. Rupp Co.	Paper.	25.00
18	Maine Steamship Co.	Passenger transportation.	6.00
27	R. Carter Ballantyne.	Envelopes.	13.20
Sept. 14	U. S. Express Co.	Transportation.	1.15
	do.	do.	1.15
19	Atlantic Coast Line R. R. Co.	Passenger transportation.	17.45
	Pennsylvania R. R. Co.	do.	6.50
	The Chesapeake and Ohio Rwy. Co.	do.	49.75
	Boston and Maine R. R.	do.	2.50
	Louisville and Nashville R. R. Co.	do.	7.83
20	Adams Express Co.	Transportation.	2.40
	Total.		158.78

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

RECAPITULATION.

Total first quarter	\$1,444.03
Total second quarter	1,794.09
Total third quarter	1,646.63
Total fourth quarter	2,376.72
Total supplemental	158.73
Total	7,420.20

LIBRARY.

Date.	Name.	Nature of payment.	Total.
1903.			
July 16	Municipal Journal Publishing Co.	Subscription	\$3.00
	Scientific American Club	Encyclopedia	9.50
	Lemcke & Buechner	Reference books	27.29
	Out West Co.	Book	1.00
	Gustav E. Stechert	do	10.15
	Dodd, Meade & Co.	Encyclopedia	33.60
	R. B. Mosher	Executive Register, United States	2.00
20	J. F. Monaghan	Book .....	.52
	J. G. Lay	do	1.00
	Jno. Barrow	do	4.87
22	Lemcke & Buechner	do	60.00
27	H. C. Patterson	Books	25.00
31	M. N. Barnard et al.	Salaries	129.26
Aug. 4	W. H. Londermilk & Co.	Subscription to Railway Guide	8.00
17	P. B. Hoeber	Book .....	.75
	E. G. Love	do .....	.75
	The University of Chicago Press	do .....	.40
	American Trotting Register Association	do	2.00
	American Field Publishing Co.	do .....	.10
	do	do	2.00
	G. E. Stechert	Books	10.88
	T. H. Castor & Co.	do	13.04
	Lemcke & Buechner	do	106.00
	do	do	33.90
	do	do	34.86
19	Bernard Quaritch	do	294.00
	Wm. Wesley & Son.	do	126.10
	John K. Small	Book	3.60
20	Wm. Brough & Sons	Books	40.14
26	Thos. Howell	do	3.00
28	Lemcke & Buechner	do	346.80
31	M. N. Barnard et al.	Salaries	134.20
Sept. 10	Wm. Ballantyne & Sons	Dictionary	9.25
	Lemcke & Buechner	Journal	7.65
11	C. L. Pollard	Book	1.00
	University of Pennsylvania Press	Books	4.67
17	Lemcke & Buechner	do	1,195.90
	Office of the Publisher's Weekly	do	3.50
24	G. E. Stechert	do	16.27
	do	do	7.60
	Paul Klincksieck	do	21.80
	Dodd, Meade & Co.	International Year Book	6.50
	The Sun Printing and Publishing Association	Subscription	8.00
	Brentano's	Book	2.70
	Gaylord Bros.	Paper	1.25
	J. H. Bowman	Subscription	1.00
30	M. N. Barnard et al.	Salaries	155.54
	Total first quarter		2,910.24
Oct. 12	Lamb & Tilden	Ink .....	.67
14	Smithsonian Institution	Catalogue	4.25
	National Geographic Society	Magazine	7.50
	G. E. Stechert	Book	4.40
	Scientific American Club	Encyclopedia	9.50
22	Lemcke & Buechner	Books	56.85
23	Gustav E. Stechert	do	31.41
	do	do	33.74
	do	do	1.26
	Wm. Wesley & Son.	do	20.26
	do	do	39.45
	do	do	34.21
	do	do	29.54
	Wisconsin Farmer Co.	do	4.10
	Josephine Klippart	do	14.50
	H. Clay Crawford	do	1.00
	Martinus Nyhoff	do	101.15
	Leary, Stuart & Co.	do .....	.64
	E. T. Cresson	do	2.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LIBRARY—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 23	Romeyn B. Hough.....	Books.....	\$5.00
	Spou & Chamberlain.....	do.....	19.50
	W. Junk.....	do.....	38.27
	H. E. Hooper.....	do.....	9.30
24	Edw. L. Greene.....	do.....	1.00
	Lemcke & Buechner.....	do.....	25.85
31	M. L. Sewall et al.....	Salaries.....	136.81
Nov. 30	do.....	do.....	131.60
Dec. 1	Brentano's.....	Year Book.....	2.70
2	W. W. Karr.....	Books.....	6.70
	Lemcke & Buechner.....	do.....	13.44
	do.....	do.....	14.15
Dec. 1	Lemcke & Buechner.....	do.....	23.16
	do.....	do.....	90.35
	C. M. Parker.....	do.....	50
	Lord & Nagle Co.....	Textile World Record.....	3.00
3	The Lawyers' Cooperative Publishing Co.....	Digest.....	6.00
10	F. V. Coville.....	Book.....	12.06
11	Wm. Ballantyne & Sons.....	Books.....	38.30
14	Chas. E. Lauriat Co.....	do.....	2.82
	August R. Ohman.....	Map.....	4.00
	Dodd, Mead & Co.....	Subscription to Bibliographer.....	5.00
	T. H. Castor & Co.....	Book.....	6.52
	Scientific American Club.....	Encyclopedia.....	4.75
	Linnean Society of London.....	Catalogue.....	1.25
	Lemcke & Buechner.....	Foreign Publications.....	72.50
16	The Arthur H. Clark Co.....	Book.....	4.25
	W. J. Holland.....	do.....	4.00
17	House and Garden.....	do.....	50
	U. P. Hedrick.....	do.....	75
	Lemcke & Buechner.....	Books.....	42.96
	do.....	do.....	9.30
	W. Junk.....	do.....	21.00
	West Publishing Co.....	do.....	4.00
	do.....	do.....	17.50
	Gustav E. Stechert.....	do.....	10.25
	G. E. Stechert.....	do.....	74.25
	do.....	do.....	7.20
31	M. L. Sewall et al.....	Salaries.....	134.20
	Total second quarter.....		1,401.12
1904.			
Jan. 12	W. H. Lowdermilk & Co.....	Books.....	340.66
14	The Arthur H. Clark Co.....	Book.....	1.50
	W. A. Kellerman.....	do.....	1.00
	Municipal Journal Publishing Co.....	do.....	3.00
	J. Thos. Heflin.....	do.....	2.00
	H. C. Patterson.....	Books.....	23.50
	Chas. E. Lauriat Co.....	do.....	2.49
16	Gustav E. Stechert.....	do.....	9.13
	Lemcke & Buechner.....	do.....	14.63
18	Brentanos.....	do.....	4.80
	R. P. Andrews & Co.....	Trunk board.....	11.40
	Coach and Saddle Publishing Co.....	Book.....	5.00
26	John C. Parker.....	Guide.....	3.50
	W. H. Lowdermilk & Co.....	Books.....	2.60
	W. A. Kellerman.....	do.....	2.00
	Library Bureau.....	Stacks.....	420.00
	Wm. Ballantyne & Sons.....	Books.....	54.50
	Lemcke & Buechner.....	do.....	79.10
	do.....	do.....	58.55
	do.....	do.....	40.70
	Floral Life Publishing Co.....	Subscription.....	1.00
	A. L. A. Publishing Board.....	Cards.....	1.32
	L. M. Underwood.....	Index.....	11.69
	H. N. Patterson.....	Cards.....	22.50
	Charles Evans.....	Book.....	15.00
	E. Nourry.....	do.....	1.25
	The H. W. Wilson Co.....	do.....	6.25
	Dodd, Mead & Co.....	do.....	16.18
	American Society Civil Engineers.....	do.....	7.27
	The Midget Novelty Co.....	Stapling machine.....	4.25
	Municipal Engineering Co.....	Books.....	4.00
29	Out West Co.....	"Out West".....	2.00
	Lea Bros. & Co.....	Books.....	6.25
	Joseph Baer & Co.....	do.....	7.21
	The Arthur H. Clark Co.....	do.....	2.50
	Lemcke & Buechner.....	do.....	12.46

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LIBRARY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 29	Lemcke & Buechner.....	Books.....	\$28.23
	John C. Parker.....	Directories.....	125.00
	Smithsonian Institution.....	Book.....	4.25
31	M. L. Sewall.....	Salary.....	85.29
Feb. 9	Woodward & Lothrop.....	Dictionary, etc.....	10.25
12	Gauthier Villars.....	Books.....	16.40
	California Fruit Grower.....	California Fruit Grower, 1903.....	2.00
	J. K. Small.....	Books.....	7.20
	English Jersey Cattle Society.....	do.....	16.65
	Samuel N. Rhoads.....	do.....	4.00
23	Scientific American Club.....	Encyclopedia.....	4.75
	Samuel N. Rhoads.....	Book.....	2.50
	Gustav E. Stechert.....	Books.....	9.43
	Wm. Wesley & Son.....	do.....	194.20
	Gustav E. Stechert.....	do.....	4.93
	do.....	do.....	16.19
	do.....	do.....	4.55
	do.....	do.....	7.89
	Cooper Ornithological Club.....	do.....	2.00
	A. Hermann.....	do.....	54.20
29	M. L. Sewall.....	Salary.....	79.60
Mar. 3	Charles L. Pollard.....	Book.....	1.50
4	Emil Bargmann.....	do.....	10.00
21	I. D. Seabrook.....	Books.....	5.00
	Callaghan & Co.....	do.....	6.00
	Doubleday, Page & Co.....	do.....	3.00
	The A. H. Clark Co.....	do.....	2.50
	Lemcke & Buechner.....	do.....	31.80
22	U. S. Hydrographic Office.....	Publications.....	3.30
	Wm. Ballantyne & Sons.....	Books.....	70.21
24	Frank P. Bennett.....	Publication.....	1.00
	Library Bureau.....	Order slips.....	4.00
	C. Peltenberger.....	Book.....	3.13
	Sportsmens' Review Publishing Co.....	Books.....	6.75
26	J. A. Clark.....	Traveling expenses.....	24.60
29	H. Dessain.....	Books.....	8.00
	Torrey Botanical Club.....	Memoirs.....	15.00
31	Smithsonian Institution.....	Book.....	4.95
	University Press, John Wilson & Son (Incorporated).....	Subscription.....	5.00
	M. L. Sewall.....	Salary.....	\$85.20
	Total third quarter.....		2,172.17
Apr. 9	Brentanos (Incorporated).....	"Who's Who," 1904.....	1.80
11	American Agriculturist.....	Year Book.....	1.00
	The Field and Farm.....	Subscription.....	2.00
12	West Publishing Co.....	Advance sheets.....	12.00
	University of Pennsylvania Press.....	Medical Bulletin.....	2.00
	Gustav E. Stechert.....	Books.....	11.67
	do.....	do.....	22.25
	Scientific American Club.....	Encyclopedia.....	4.75
	Lemcke & Buechner.....	Books.....	55.36
	do.....	do.....	13.20
18	R. R. Bowker.....	Publication.....	3.50
	Carnegie Institute of Washington.....	do.....	5.00
	A. Hermann.....	do.....	10.64
	National Geographic Society.....	Subscription.....	2.50
	Woodward & Lothrop.....	Book.....	10.00
19	The Academy of Natural Sciences.....	Books.....	27.50
	Dulan & Co.....	do.....	6.10
25	R. Friedlander & Sohn.....	do.....	222.19
	Bank Law Publishing Co.....	do.....	6.00
	Wm. J. Gerhard.....	do.....	13.00
	Holstein Friesian Register.....	do.....	4.00
28	G. E. Stechert.....	do.....	17.00
	A. Hermann.....	do.....	15.81
30	M. L. Sewall.....	Salary.....	82.40
May 4	Eveline E. Stricker.....	Book.....	.75
	Lemcke & Buechner.....	Books.....	17.76
	R. R. Bowker.....	Catalogues.....	5.50
	Library Bureau.....	Trays, etc.....	7.25
	Midland Publishing Co.....	Subscription.....	2.00
	R. L. Poik & Co.....	Register.....	10.00
	New England Botanical Club.....	Subscription.....	1.00
	The Academy of Natural Sciences.....	Books.....	25.00
12	Annie Morrill Smith.....	Subscription.....	1.00
	Dodd, Mead & Co.....	Encyclopedia.....	16.80
	Gaylord Bros.....	Adhesive paper.....	1.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LIBRARY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 12	Scientific American Club.....	Encyclopedia.....	\$14.25
	Gustav E. Stechert.....	Books.....	24.50
13	The Boston Journal of Commerce Publish- ing Co.....	Subscription.....	1.02
	J. N. Rose.....	Books.....	7.25
18	G. A. Poynder.....	.....do.....	23.96
19	Brentanos (Incorporated).....	Statesmans Year Book.....	2.70
	John Wiley & Sons.....	Books.....	10.32
20	Lemcke & Buechner.....	do.....	24.08
	J. M. Westgate.....	do.....	2.00
	West Publishing Co.....	do.....	8.25
	G. A. Poynder.....	do.....	22.62
24	B. L. Robinson.....	Card Index.....	18.81
	The Arthur H. Clark Co.....	Book.....	2.50
26	Polman Mooy.....	Album.....	45.00
31	M. L. Sewall.....	Salary.....	85.20
June 3	Chas. E. Goodspeed.....	Books.....	2.00
	Gustav E. Stechert.....	do.....	92.95
11	do.....	do.....	329.21
	do.....	Newspapers.....	4.80
20	Brentanos (Incorporated).....	Books.....	2.50
	W. H. Lowdermilk & Co.....	do.....	1.95
	do.....	do.....	186.04
	Crane & Co.....	do.....	2.00
	Eyre & Spottiswoode.....	do.....	18.49
	Wm. Ballantyne & Sons.....	do.....	17.00
	American Jersey Cattle Club.....	do.....	3.00
	American Ornithologists' Union.....	do.....	7.75
	Chas. E. Lauriat Co.....	do.....	4.50
	Geo. F. Lasher.....	Guide.....	2.50
	The Lawyers' Cooperative Publishing Co.....	Books.....	18.00
	Paul Klincksieck.....	do.....	32.50
	P. S. King & Son.....	do.....	2.06
	West Publishing Co.....	Reporter, etc.....	7.50
	The H. W. Wilson Co.....	Books (indexes).....	9.25
	Wm. Wesley & Son.....	do.....	141.40
	Gustav E. Stechert.....	do.....	27.72
	Edgar Marburg.....	Programme timber tests.....	8.75
	G. A. Poynder.....	Book.....	1.20
	Scientific American Club.....	Books.....	14.25
	J. Schlesinger.....	do.....	1.32
29	Smithsonian Institution.....	Zoology.....	9.00
	Swayze, Bailey & Co.....	Guides.....	16.00
	R. Friedlander & Sohn.....	Books.....	12.80
	Entomological Society of Ontario.....	"The Canadian Entomology".....	1.00
	The Cassier Magazine Co.....	Subscription.....	.75
	Wm. Wesley & Son.....	Books.....	23.30
	I. D. Seabrook.....	do.....	1.50
	National Railway Publishing Co.....	Guide.....	8.00
	Edw. J. Nolan.....	Book.....	2.50
	Total, fourth quarter.....		1,939.18
	<i>Supplemental.</i>		
1904.			
July 1	M. L. Sewall.....	Salary.....	82.40
2	E. W. Brown.....	Text-book.....	8.43
7	Church & Stephenson.....	Lumber.....	82.65
19	R. Friedlander & Sohn.....	Books.....	41.65
	do.....	do.....	26.82
	John Grant.....	do.....	9.00
	W. Junk.....	do.....	17.70
19	Chas. B. Hewitt.....	Book.....	20.00
	Lemcke & Buechner.....	Books.....	221.23
	Library Bureau.....	Cards.....	26.70
	G. E. Stechert.....	Publications.....	318.75
	Wm. Wesley & Son.....	do.....	31.26
	Yawman & Erbe Manufacturing Co.....	Cloth boxes.....	1.50
20	Wm. Ballantyne & Sons.....	Books.....	22.19
	do.....	do.....	66.80
	do.....	do.....	1.20
	W. H. Lowdermilk & Co.....	do.....	23.30
Aug. 17	A. L. A. Publishing Board.....	Cards.....	.20
18	G. E. Stechert.....	Chicago Record-Herald and Iowa State Register.....	4.80
	do.....	Publications.....	24.29
29	Industrial Record.....	Subscription.....	2.00
	Total.....		1,032.87

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

RECAPITULATION.

Total, first quarter	\$2,910.24
Total, second quarter	1,401.12
Total, third quarter	2,172.17
Total, fourth quarter	1,939.18
Supplemental	1,032.87
Total	9,455.58

CONTINGENT EXPENSES.

Date.	Name.	Nature of payment.	Total.
1903.			
July 13	The Smith Premier Typewriter Co	Typewriter	\$90.00
15	E. F. Vermillion	Inspecting boilers	20.00
16	P. G. Reed	Roach destroyer	26.40
	The Grove Lime and Coal Co	Fire brick	15.00
20	James Wilson	Traveling expenses	43.33
25	Washington city post-office	Postage stamps	500.00
	Emry Davis	Inkstands	43.20
	Robacher's Disinfectant Co	Disinfectant	15.00
	C. Becker	Hoof packing	6.00
	R. P. Clarke Co	Towels	78.00
	L. S. Depue	Hay, etc.	90.50
	James Halley et al	Salaries	258.00
Aug. 3	James Wilson	Traveling expenses	37.75
4	Wm. J. Zeh	Coal	4.16
	do	do	143.28
	Ferd. Hopp	Fly traps	4.80
	C. Becker	Stable supplies	16.40
7	J. Baumgarten & Sons	Recutting seal and repairs	29.00
10	R. P. Clarke Co	Toweling	53.88
12	J. C. Parker	Fountain pens, etc	218.85
	C. Becker	Fly nets, etc.	12.75
13	Harvard Laundry Co	Laundering towels	33.02
	Theo. Schondan	Horseshoes	6.00
14	W. H. Rupp Co	Files	1.00
	American Writing Machine Co	Stand	4.00
15	Leidy S. Depue	Feed	49.50
	D. of C. Paper Manufacturing Co	Blotting paper	77.40
	James B. Lambie Co	Leather belt	3.30
	Lamb & Tilden	Dating stamps	7.00
	do	Daters	1.50
	National Electrical Supply Co	Fans, etc.	83.16
	Hugh Reilly	Shellac	5.55
	do	Gasoline	2.40
17	J. H. Brigham	Traveling expenses	38.58
	The American News Co	Fasteners	10.25
	The Press Clipping Bureau	Clippings	25.00
	Yawman & Erbe Manufacturing Co	Guides .....	.25
18	Capital Traction Co	Car tickets	41.50
	R. Carter Ballantyne	Inkstands	8.28
	do	Envelopes	5.28
	Woodward & Lothrop	Cooler stand, etc	39.10
19	Yawman & Erbe Manufacturing Co	Sections	12.00
20	The Maurice Joyce Engraving Co	Plate .....	.50
	W. B. Moses & Sons	Shades, etc.	77.37
	Ernest Betz	Repairs to roof	3.60
	Densmore Typewriter Co	Repairs to typewriter	4.90
	M. Du Perow	Fan blade	1.95
	Yawman & Erbe Manufacturing Co	Sections	45.75
	Leidy S. Depue	Oats, etc.	32.50
25	Rudolph, West & Co	Hinges, etc.	4.30
	Remington Typewriter Co	Typewriter and cover	92.25
	W. H. Rupp Co	Files, etc.	56.50
	James S. Topham	Repairing mail bag	4.00
	Mackall Bros	Combs, etc.	53.73
	American Ice Co	Ice	153.86
27	Clark & Davenport	Linoleum	59.36
	Thos. Somerville & Sons	Plugs, etc.	1.88
	Agnes Hinton	Hemming towels	8.50
	Wm. J. Zeh	24 tons coal	138.00
31	James Halley et al	Salaries	268.00
Sept. 1	James Wilson	Traveling expenses	57.75
4	Potomac Electric Power Co	Electric current	134.13
	Washington Gaslight Co	Gas	18.20
	The A. J. Joyce Carriage Co	Repairs to carriages	51.00
9	R. C. Ballantyne	Pens	41.60
	L. S. Depue	Oats, etc.	120.00
10	W. H. Rupp Co	Seals	1.20
	E. G. Schafer & Co	Tees, etc.	5.14
	do	Lead pipe, etc	13.10
	Remington Typewriter Co	Typewriter, etc	92.85

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 10	Woodward & Lothrop.....	Desk, etc.....	\$56.98
	The C. J. McCubbin Co.....	Corner basin.....	17.50
	J. S. Topham.....	Case.....	6.50
	Queen & Co. (Incorporated).....	Soda.....	1.25
	Rudolph, West & Co.....	Nails, etc.....	42.96
11	M. P. Bush.....	Soap.....	30.00
	J. I. Holcomb Mfg. Co.....	Floor sweeps.....	37.00
	J. T. Walker Sons.....	Lime.....	2.50
	Harris & Shafer Co.....	Clock.....	8.40
	The J. A. Gray Co.....	Files.....	9.36
	J. Viehmeyer & Son.....	Stone door sill.....	7.00
	W. J. Zeh.....	Coal.....	39.70
12	W. H. Dyer.....	Sash, etc.....	48.00
	.....do.....	Door, etc.....	28.00
	Theo. Schondan & Co.....	Horseshoes.....	7.50
	Agnes Hinton.....	Cloths for carriages.....	1.50
	T. R. Riley.....	Lumber.....	9.98
14	J. H. Brigham.....	Traveling expenses.....	32.82
	American Ice Co.....	Ice.....	142.62
18	Postal Telegraph Cable Co.....	Telegraph service.....	15.53
21	Church & Stephenson.....	Lumber.....	131.81
	R. Harris & Co.....	Clock.....	1.50
24	Jas. Wilson.....	Traveling expenses.....	128.15
	American Press Clipping Bureau.....	Clippings.....	8.08
28	Library Bureau.....	Cards.....	46.40
30	Jas. Halley et al.....	Salaries.....	155.00
	Total first quarter.....		4,718.33
Oct. 2	I. P. Roosa.....	Services.....	100.00
	Harvard Laundry Co.....	Washing towels.....	26.91
3	J. H. Brigham.....	Traveling expenses.....	12.05
8	John C. Parker.....	Envelopes.....	1,041.77
10	Washington Gaslight Co.....	Gas.....	16.90
	.....do.....	.....do.....	18.60
	Ernest Betz.....	Repairs.....	31.10
	.....do.....	.....do.....	28.00
	Harvard Laundry Co.....	Washing towels.....	31.69
	Wm. H. Rupp Co.....	Envelopes, etc.....	11.67
	Thos. Somerville & Sons.....	Repairs.....	40.24
	Potomac Electric Power Co.....	Electric current.....	132.37
	.....do.....	.....do.....	137.16
	The Geo. W. Knox Express Co.....	Transportation.....	4.10
	.....do.....	.....do.....	.70
12	Standard Oil Company.....	Oil.....	17.50
	E. G. Schafer & Co.....	Pipe, etc.....	4.10
	Lamb & Tilden.....	Repairs to machine.....	.50
	Hugh Reilly.....	Adelite.....	2.50
	.....do.....	.....do.....	1.35
	.....do.....	Varnish.....	6.80
	Chas. R. Edmonston.....	Pan.....	.25
	Instantaneous Fire Alarm Co.....	Rent.....	10.00
	Harris & Shafer Co.....	Clocks.....	16.40
	C. Becker.....	Dressing, etc.....	6.2
	.....do.....	Braces, etc.....	18.22
	.....do.....	Stable supplies.....	14.35
	T. W. Estler.....	Matches.....	1.75
	Kiasbey & Mattison Co.....	Covering.....	10.40
	E. S. Newman.....	Machine ribbon.....	1.50
	Wm. J. Zeh.....	Coal.....	55.30
	Leidy S. Depue.....	Feed.....	122.00
	Robt. Murphy.....	Wood.....	49.00
14	James B. Lambie Co.....	Pliers.....	4.23
	Manhattan Electric Supply Co.....	Electroliter.....	28.75
	American Ice Co.....	Ice.....	132.86
22	The American Press Clipping Bureau.....	Clippings.....	12.72
	J. H. Bunnell & Co.....	Brackets and sockets.....	14.75
23	John D. Galloway.....	Fan switches.....	3.00
	Woodward & Lothrop.....	Desks, etc.....	99.59
	C. Becker.....	Repairs.....	5.40
	Thos. Somerville & Sons.....	Traps, etc.....	25.70
	Rudolph, West & Co.....	Brooms, etc.....	41.10
	R. P. Andrews & Co. (Incorporated).....	Paper.....	16.40
	National Electrical Supply Co.....	Wire, etc.....	13.51
	Theo. Schondan & Co.....	Horseshoes.....	7.50
	Pearre E. Crawl Co.....	Stamp, rubber.....	68.10
	Kellogg Switchboard and Supply Co.....	Coils, etc.....	11.00
	.....do.....	Cards.....	1.58
	U. S. Envelope Co.....	Envelopes.....	53.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment	Total.
1903.			
Oct. 23	U. S. Envelope Co.	Envelopes	\$44.00
27	Jasper Wilson	Traveling expenses	3.80
28	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
	.....do	.....do	78.25
	E. S. Newman	Paper for adding machine	2.25
	Lamb & Tilden	Daters	3.00
	J. E. Bromwell & Sons	Plating	5.00
	W. B. Moses & Sons	Furniture	125.40
	R. Carter Ballantyne	Pens, etc.	170.51
31	Pennsylvania R. R. Co.	Passenger transportation	25.00
	The Pullman Co.	.....do	5.00
	Jas. Halley et al.	Salaries	256.00
Nov. 7	Robt. Murphy	Wood	49.00
10	James Wilson	Traveling expenses	98.85
13	R. P. Andrews & Co. (Incorporated)	Clips	15.98
	Wm. J. Zeh	Coal	557.94
	Forsberg & Murray	Bar	4.76
	Giddings & Steele	Rugs	74.40
19	F. L. Evans	Traveling expenses	62.15
	Harvard Laundry Co.	Washing towels	35.17
20	New York Cycle Co.	Bicycle	66.50
	Old Dominion Paper Co.	Memoranda books	10.32
	J. H. Brigham	Traveling expenses	5.05
	The Grove Lime and Coal Co.	Fire clay	3.05
21	Thos. E. Trazzare	Repairing carriage	59.25
	W. H. Rupp Co.	Ink, etc.	44.04
	Mackall Bros.	Camphor	7.50
	R. P. Andrews & Co. (Incorporated)	Clips, etc.	12.29
	.....do	Envelopes	168.96
	Potomac Electric Power Co.	Electric light	7.75
	.....do	.....do	99.67
	Washington Gas Light Co.	Gas	20.20
23	Yawman & Erbe Manufacturing Co.	Cards	1.75
	.....do	Sections, etc.	20.50
	Eberhard Faber	Erasers, etc.	48.16
	.....do	Bands	234.72
	American Press Clipping Bureau	Clippings	11.53
	Library	Cards, etc.	21.75
	The Okonite Co. (Limited)	Wire	10.50
	The Hoggson & Pettie Manufacturing Co.	Copying sheets, etc.	13.12
24	Leidy S. Depue	Feed	101.00
	.....do	.....do	87.50
	D. Frank Parker	Carbon paper, etc.	59.50
30	Jas. Halley et al.	Salaries	155.00
Dec. 1	Lamb & Tilden	Ink	13.50
	Geo. F. Muth & Co.	Lead, etc.	94.06
	Remington Typewriter Co.	Repairs	.50
	E. S. Newman	Iron tables	10.00
	.....do	Ribbon	1.50
	The A. J. Joyce Carriage Co.	Repairs	8.75
	E. G. Schafer & Co.	Fittings	15.33
	.....do	.....do	34.04
	The Smith-Premier Typewriter Co.	Brushes	6.70
	Rudolph, West & Co.	Hardware	34.56
	Thos. Somerville & Sons	Trap, etc.	4.87
	Wm. H. Rupp Co.	Paper weights	7.00
	.....do	Bristol board	2.50
	National Electrical Supply Co.	Repairs	2.25
	James B. Lambie Co.	Brooms, etc.	36.69
	Densmore Typewriter Co.	Repairs	.70
	.....do	.....do	5.05
	Wm. J. Zeh	Coal	31.25
	.....do	.....do	554.98
	Capital Traction Co.	Tickets	10.00
2	Kellogg Switchboard and Supply Co.	Wire	.70
	C. Schneider's Sons	Lock	8.00
	K. Kneesi Sons	Case	3.00
	W. T. Galliher & Bro.	Hickory	1.62
	E. B. Adams Co.	Iron tub	1.60
	American Press Clipping Bureau	Clippings	2.07
	C. Becker	Supplies for carriage house	21.65
	C. C. Williams	Section	9.00
	American Ice Co.	Ice	123.79
	Washington city post-office	Stamps	500.00
10	J. T. Thomson	Stamping stationery	30.00
11	M. Du Perow	Electrical supplies	15.00
	D. Frank Parker	Typewriting paper	207.15
12	James Wilson	Traveling expenses	23.90
14	National Electrical Supply Co.	Sockets, etc.	9.00
	Leidy S. Depue	Feed	120.62

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 14	Lutz & Co.	Harness.	\$62.50
	Wm. Seely Hutchinson	Tiling.	59.50
	P. H. Heiskell, jr., & Co.	Canvas.	12.00
	J. B. Kendall.	Currie pads.	10.60
	J. Baumgarten & Sons.	Daters.	21.60
	Wm. J. Zeh.	Coal.	276.50
	.....do. ....	.....do.	553.49
	The Okonite Co. (Limited)	Wire.	10.00
	Burrelles Press Clipping Bureau.	Clippings.	17.50
16	Harvard Laundry Co.	Washing towels.	32.74
17	American Ice Co.	Ice.	88.25
	R. Carter Ballantyne.	Pens, etc.	46.60
	W. H. Rupp Co.	Pen racks.	11.10
	Geo. F. Muth & Co.	Paint, etc.	3.88
	E. G. Schafer & Co.	Plumber's supplies.	4.69
	Rudolph, West & Co.	Baskets, etc.	49.95
18	Pennsylvania R. R. Co.	Passenger transportation.	111.50
	.....do. ....	.....do.	18.00
	.....do. ....	.....do.	18.00
	.....do. ....	.....do.	19.25
	.....do. ....	.....do.	19.50
	Pennsylvania Co. ....	.....do.	59.00
	Chicago and North-Western Rwy. Co. ....	.....do.	25.00
19	Robt. Murphy.	Wood.	122.50
21	John C. Parker.	Stationery supplies.	850.09
	Ernest Betz.	Repairs.	60.62
	J. T. Thomson.	Cards.	3.73
	Edward Hurdle.	Repairs.	9.60
23	Albert Kahlert & Co.	Repairing rugs, etc.	97.90
	Fred. B. Miller & Bro.	Steel bearings.	23.00
26	Theo. Schondan & Co.	Horseshoes.	14.50
	.....do. ....	.....do.	14.25
28	Union Pacific R. R. Co.	Passenger transportation.	50.60
29	M. Du Perow.	Electrical supplies.	15.10
	E. G. Schafer & Co.	Plumbers.	25.45
	Thos. Somerville & Sons. ....	.....do.	21.99
	.....do. ....	.....do.	19.14
	Wm. J. Zeh.	Coal.	31.76
31	Jas. Halley et al.	Salaries.	160.00
	Total second quarter.		10,388.65
1904. Jan. 4	Clark & Davenport.	Carpet, etc.	65.80
	.....do. ....	.....do.	174.58
5	J. H. Brigham.	Traveling expenses.	5.65
	I. P. Roosa.	Services.	100.00
7	Hugh Reilly.	Paint.	4.00
	James B. Lambie Co.	Hardware.	26.73
	.....do.	Iron, etc.	6.50
	Woodward & Lothrop.	Table, etc.	24.21
	W. B. Moses & Sons.	Furniture, etc.	414.48
	E. G. Schafer & Co.	Valves, etc.	12.39
	Remington Typewriter Co.	Adjusting typewriter.	15.70
	Washington Gas Light Co.	Gas.	29.90
	Potomac Electric Power Co.	Electric current.	107.00
	W. B. Moses & Sons.	Rug, etc.	62.15
8	P. H. Heiskell, jr., & Co.	Whip.	1.00
	.....do.	Pails.	2.00
	Z. D. Gilman.	Arnica.	2.60
	W. B. Moses & Sons.	Tables, etc.	88.95
	Woodward & Lothrop.	Towels, etc.	164.38
	Mackall Bros.	Combs and soap.	42.00
	Wm. H. Lacy.	Plastering.	26.48
	J. E. Hurley.	Strap.	1.25
	Church & Stephenson.	Lumber.	36.20
	Capital Traction Co.	Tickets.	20.00
12	M. Du Perow.	Electrical supplies.	45.97
	Thos. R. Riley.	Lumber.	1.73
	.....do. ....	.....do.	1.16
	Wm. H. Dyer.	Door.	3.00
	Geo. W. Millar & Co.	Manila paper.	250.00
	D. N. Walford.	Black jacks.	3.00
	John C. Rau.	Wire.	1.61
	Pope Manufacturing Co.	Tire, etc.	4.25
	Lamb & Tilden.	Daters.	7.00
	Wm. J. Zeh.	Coal.	31.76
	.....do. ....	.....do.	553.00
	.....do. ....	.....do.	31.25
14	Eberhard Faber.	Rulers, etc.	121.81

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 16	I. P. Roosa	Expenses	\$86.28
18	American Ice Co.	Ice	74.59
	Johnson Brothers	Wood	16.47
	Instantaneous Fire Alarm Co.	Boxes	10.00
	Wm. J. Zeh	Coal	19.85
	do.	do.	397.85
	do.	do.	47.42
	Manhattan Electrical Supply Co.	Insulators	1.50
	Burrielles Press Clipping Bureau	Clippings	17.50
	J. H. Bunnell & Co.	Batteries	5.00
	American Electric Heater Co.	Heater, etc.	8.76
	Wolf Bros.	Envelopes	17.30
	The E. F. Brooks Co.	Mantles, etc.	4.80
20	Harvard Laundry Co.	Washing towels	40.27
	J. H. Brigham	Traveling expenses	13.25
25	Michigan Central R. R. Co.	Passenger transportation	16.25
	Union Pacific R. R. Co.	do.	17.06
	New York Central and Hudson River R. R. Co.	do.	10.48
	Pennsylvania R. R. Co.	do.	10.48
	Mineralized Rubber Co.	Hose	4.63
	The Okonite Co. (Limited)	Wire	12.50
26	John C. Parker	Stationery supplies	177.24
	do.	Knives	1.30
	Louis Hartig	Horseshoes and nails	28.63
	do.	do.	26.95
	do.	Horseshoes, etc.	15.50
	J. T. Walker Sons	Tar	.50
	Theo. Schondau	Horseshoes, etc.	16.25
	Church & Stephenson	Lumber	26.88
	Adams Express Co.	Transportation	14.10
	Leidy S. Depue	Feed	150.95
	Yawman & Erbe Manufacturing Co.	Index	2.00
	The Andrew J. Joyce Car Co.	Repairs to carriage	8.50
	Albert Kahlert & Co.	Sewing carpets	11.00
	Wm. J. Zeh	Coal	553.12
	D. Frank Parker	Typewriter paper, etc.	116.75
	Ernest Betz	Repairs	25.05
	do.	do.	42.55
	Giddings & Steele	Rugs	9.00
	Chas. R. Edmonston	Cuspidors, etc.	18.23
27	U. S. Envelope Co.	Envelopes	16.92
	The R. H. Smith Manufacturing Co.	Stamp handles	6.70
	J. P. Nawrath	Sponge	14.70
	Thos. Somerville & Sons	Packing	19.07
	Lamb & Tilden	Dating stamp	6.00
	M. Du Perow	Electric supplies	6.05
	Rudolph, West & Co.	Hardware	16.13
	James B. Lambie Co.	Packing, etc.	9.53
	Harris & Shafer Co.	Clock	8.40
	The J. C. Ergood Co.	Pearline	36.00
	Wm. J. Zeh	Coal	33.18
	C. Becker	Oil, etc.	7.97
	Densmore Typewriter Co.	Repairs to typewriter	10.00
	Geo. F. Muth & Co.	Fitches, etc.	3.09
	Potomac Electric Power Co.	Lamps	10.00
	do.	Electric current	103.41
29	Geo. F. Muth & Co.	Paints, oils, etc.	104.92
	Wm. H. Lacy	Plastering	10.00
	C. A. Muddiman & Co.	Radiators	3.85
31	Jas. Halley et al.	Salaries	161.80
Feb. 2	Geo. P. McCabe	Traveling expenses	6.90
	Washington City post-office	Stamps	500.00
	Washington Gas Light Co.	Gas	36.30
	Barber & Ross	Key blanks	.25
8	Leidy S. Depue	Feed	191.65
	The Chesapeake and Potomac Telephone Co.	Telephone service	78.25
	do.	do.	6.25
9	W. B. Moses & Sons	Mats	9.97
	Geo. F. Muth & Co.	Ink, etc.	13.50
	National Electrical Supply Co.	Electrical supplies	42.53
	do.	Sockets, etc.	12.02
	Rex Sanitary Appliance Co.	Disinfectors	15.20
	Fred. A. Schmidt	Sealing wax	.60
	Mackall Bros.	Soap	12.30
	Lamb & Tilden	Band daters	12.00
	Theo. Schondau	Horseshoes	30.50
	Woodward & Lothrop	Towels, etc.	224.77
	James B. Lambie Co. (Incorporated)	Hardware	5.84
	M. Du Perow	Electrical supplies	17.56
	District of Columbia Paper Manufacturing Co.	Blotting paper	0.477

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name	Nature of payment.	Total.
1904.			
Feb. 9	J. Baumgarten & Sons.....	Daters.....	\$21.60
	Ernest Betz.....	Covering door with tin.....	3.30
	Barber & Ross.....	Buckets.....	10.74
	Potomac Electric Power Co.....	Electric current.....	125.96
	Washington Gas Light Co.....	Gas.....	37.10
	Smithsonian Institution.....	Transportation exchanges.....	275.60
	The Geo. W. Knox Express Co.....	Transportation.....	3.45
12	U. S. Envelope Co.....	Envelopes.....	42.30
	Yawman & Erbe Manufacturing Co.....	Cards.....	9.00
	The American News Co.....	Paper folders.....	7.75
	J. P. Nawrath.....	Tape.....	15.20
	The Okonite Co. (Limited).....	Wire.....	10.50
	do.....	do.....	13.75
17	The Chicago, Burlington and Quincy Rwy. Co.....	Passenger transportation.....	20.00
18	The Pullman Co.....	do.....	8.00
	do.....	do.....	26.50
	The Pennsylvania R. R. Co.....	do.....	7.25
23	The Carter-Crume Co. (Limited).....	Coal tickets.....	5.00
	Whitall, Tatum Co.....	Asbestos board.....	2.50
	Yawman & Erbe Manufacturing Co.....	Cards.....	8.75
	Burrelles Press Clipping Bureau.....	Clipping.....	17.50
24	National Electric Supply Co.....	Wire.....	14.50
	Mineralized Rubber Co.....	Hose.....	9.25
	Francis Miller.....	Glass.....	94.20
	Lamb & Tilden.....	Daters, etc.....	11.56
	Wm. J. Zeh.....	Coal.....	553.00
	do.....	do.....	555.25
	American Ice Co.....	Ice.....	67.28
	Barber & Ross.....	Scissors.....	9.90
	C. Becker.....	Blankets, etc.....	34.60
	Church & Stephenson.....	Lumber.....	61.45
	Harvard Laundry Co.....	Washing towels.....	33.95
	Johnson Brothers.....	Wood.....	2.75
	E. G. Schafer & Co.....	Packing and glasses.....	3.50
	Hugh Reilly.....	Shellac.....	9.00
	Rudolph, West & Co.....	Hardware.....	5.76
	Thos. Somerville & Sons.....	Stop box, etc.....	2.35
	do.....	Pipe rosette plates.....	1.00
27	Western Union Telegraph Co.....	Telegraph service.....	15.99
	Postal Telegraph Cable Co.....	do.....	2.47
29	James Halley et al.....	Salaries.....	151.40
Mar. 3	Merchants' Transfer and Storage Co.....	Hauling horse.....	10.00
	Pope Manufacturing Co. (Washington branch).....	Repairs to bicycle.....	5.00
	J. T. Walker Sons.....	Oil.....	5.00
	M. Du Perow.....	Electrical supplies.....	41.48
	James B. Lambie Co. (Incorporated).....	Rule and brace.....	2.25
	Robert Murphy.....	Wood.....	122.50
4	The American News Co.....	Scrapbooks.....	13.92
5	Wolf Bros.....	Envelopes.....	21.75
11	The E. F. Brooks Co.....	Bracket.....	3.50
	Rex Sanitary Appliance Co.....	Disinfectors.....	15.20
	Washington Gas Light Co.....	Gas.....	37.30
	Potomac Electric Power Co.....	Electric current.....	126.53
	American Ice Co.....	Ice.....	66.07
	Potomac Electric Power Co.....	Lamps.....	8.32
14	Wm. J. Zeh.....	Coal.....	559.22
16	Leidy S. Depue.....	Feed.....	101.00
18	Missouri, Kansas and Texas Rwy. Co. of Texas.....	Passenger transportation.....	19.15
	Pennsylvania Co.....	do.....	19.95
	Pennsylvania R. R. Co.....	do.....	36.00
	Capital Traction Co.....	Tickets.....	20.00
	Clark & Davenport.....	Linoleum, etc.....	74.59
	Blum Bros.....	Hair brushes.....	12.74
	Wm. H. Dyer.....	Wire molding.....	7.50
	Chas. R. Edmonston.....	Glasses.....	8.80
	James B. Lambie Co. (Incorporated).....	Glue, etc.....	8.55
	National Electrical Supply Co.....	Silk cord, etc.....	6.21
	E. S. Newman.....	Ribbon and paper for adding machine.....	8.50
	E. G. Schafer & Co.....	Plumbers' supplies.....	34.67
	Theo. Schondau.....	Horseshoes.....	23.00
	Woodward & Lothrop.....	Dusters.....	94.44
	R. Carter Ballantyne.....	Stationery supplies.....	376.34
21	Chadwick Copying Book Co.....	Letter books.....	22.08
	Emry Davis.....	Inkstands.....	14.04
	The Carter-Crume Co. (Limited).....	Carbon paper.....	1.60
24	Underwood Typewriter Co.....	Repairs.....	6.00
25	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 28	Ernest Betz.....	Grates.....	\$2.75
	Burrelles' Press Clipping Bureau.....	Clippings.....	17.50
	The Hoggson & Pettis Manufacturing Co.....	Copying pads.....	3.33
	Mackall Bros.....	Soap.....	28.50
	R. McReynolds' Sons.....	Wrench, etc.....	6.45
	Wm. J. Zeh.....	Coal.....	31.25
29	R. P. Andrews & Co. (Incorporated).....	Paste.....	49.00
	The Grove Lime and Coal Co.....	Cement.....	9.00
	Kellogg Switchboard and Supply Co.....	Telephone supplies.....	6.66
	Lamb & Tilden.....	Stamp ink.....	1.50
	Estate of John C. Parker.....	Stationery supplies.....	253.35
	Thos. Somerville & Sons.....	Plumbers supplies.....	38.76
	E. G. Schafer & Co.....	Steam fitting.....	2.93
	The Chicago, Burlington and Quincy Rwy. Co.....	Passenger transportation.....	11.50
	The Lake Shore and Michigan Southern Rwy. Co.....	do.....	6.50
31	Rudolph, West & Co.....	Hardware.....	46.04
	E. G. Schafer & Co.....	Pipe, etc.....	9.15
	Jas. Halley et al.....	Salaries.....	161.80
	Total third quarter.....		11,378.53
Apr. 4	James Wilson.....	Traveling expenses.....	81.15
	I. P. Roosa.....	Services.....	100.00
	Harvard Laundry Co.....	Washing towels.....	38.10
7	Wm. J. Zeh.....	Coal.....	556.16
9	Hugh Reilly.....	Shellac.....	1.80
	National Electrical Supply Co.....	Silk cord.....	5.61
	Remington Typewriter Co.....	Repairs.....	.65
	Rex Sanitary Appliance Co.....	Disinfectant.....	15.20
	W. B. Moses & Sons.....	Furniture, etc.....	28.65
	The M. Lindsay Rubber Co.....	Bicycle cape.....	3.00
	Barber & Ross.....	Shears, scissors, etc.....	62.17
	The E. F. Brooks Co.....	Brass casing.....	1.25
	Giddings & Steele.....	Rugs.....	37.20
	Wm. H. Dyer.....	Wire mold.....	11.25
	The Geo. W. Knox Express Co.....	Passenger transportation.....	.74
	Washington Gas Light Co.....	Gas.....	31.40
	Washington City post-office.....	Stamps.....	500.00
11	Wm. J. Zeh.....	Coal.....	553.00
	J. H. Bunnell & Co.....	Electrical supplies.....	17.00
12	Yawman & Erbe Manufacturing Co.....	Cards.....	22.50
	Wolf Bros.....	Envelopes.....	6.90
	John Underwood & Co.....	Ink.....	4.50
	E. L. Sibley.....	Hanger.....	6.00
	Library Bureau.....	Trays.....	4.00
	Library Bureau.....	Cards, etc.....	33.90
	New York Cycle Co.....	Repairs.....	6.50
13	Harvard Laundry Co.....	Washing towels.....	39.80
	American Ice Co.....	Ice.....	81.74
	Theo. Schondan.....	Horseshoes.....	6.75
14	R. Carter Ballantyne.....	Pens.....	15.50
	Church & Stephenson.....	Lumber.....	11.70
	Densmore Typewriter Co.....	Repairs.....	.60
	Francis Miller.....	Glass.....	11.80
	Lamb & Tilden.....	Rack.....	2.90
	Harris & Shafer.....	Clock.....	8.40
	J. T. Thomson.....	Embossing.....	13.50
	Woodward & Lothrop.....	Screen, etc.....	28.28
	W. B. Moses & Sons.....	Furniture and repairs.....	58.00
	Leidy S. Depue.....	Feed.....	159.00
	U. S. Express Co.....	Transportation.....	5.70
	Potomac Electric Power Co.....	Electric current.....	122.16
18	Clark & Davenport.....	Linoleum.....	26.88
	The C. J. McCubbin Co.....	Lavatory, etc.....	9.40
	Mutual District Messenger Co.....	Rent boxes.....	10.00
	E. S. Newman.....	Ribbon, etc.....	7.00
	Rudolph, West & Co.....	Horse clippers, etc.....	8.55
	Thos. Somerville & Sons.....	Plumbing supplies.....	29.30
	do.....	do.....	4.34
	C. Becker.....	Carriage supplies.....	20.30
	Western Union Telegraph Co.....	Telegraph service.....	4.16
	Postal Telegraph-Cable Co.....	do.....	4.09
	Wm. J. Zeh.....	Coal.....	62.50
19	The Okonite Co. (Limited).....	Wire.....	12.50
	Burrelles Press Clipping Bureau.....	Clippings.....	17.50
20	Blue Line Transfer Co.....	Transportation.....	.75
25	The E. F. Brooks Co.....	Bracket.....	3.50
	Francis Miller.....	Glass.....	1.12

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont d.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 25	D. Frank Parker.....	Ribbons, etc.....	\$202.50
	Remington Typewriter Co.....	Repairs.....	2.10
	Wm. H. Rupp Co.....	Stationery supplies.....	31.60
	J. T. Thomson.....	Embossing.....	10.50
	Art Metal Construction Co.....	Metal cabinet.....	305.00
	Kellogg Switchboard and Supply Co.....	Stand.....	8.75
	J. P. Nawrath.....	Twine.....	85.15
27	The Geo. W. Knox Express Co.....	Transportation.....	16.41
28	C. Becker.....	Harness.....	50.00
	R. P. Andrews & Co. (Incorporated).....	Paste.....	49.00
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	do.....	do.....	78.25
30	Jas. Halley et al.....	Salaries.....	156.60
May 3	Arthur Given.....	Expenses.....	1.30
4	U. S. Envelope Co.....	Envelopes.....	4.40
	Eberhard Faber.....	Pencils and erasers.....	15.93
	Chadwick Copying Book Co.....	Copying books.....	11.04
	Robt. Murphy.....	Wood.....	147.00
12	Giddings & Steele.....	Desk rugs.....	18.60
	Wm. J. Zeh.....	Coal.....	39.70
	Theo. Schondan.....	Horseshoes.....	16.50
	Charles C. Fulton & Co.....	Advertising.....	15.00
13	J. I. Holcomb Manufacturing Co.....	Brushes, etc.....	24.50
	Pearre E. Crowl Co.....	Moulding compound, etc.....	8.25
	Western Union Telegraph Co.....	Telegraph service.....	23.75
	Washington Gas Light Co.....	Gas.....	26.90
	Adams Express Co.....	Transportation.....	6.16
	U. S. Express Co.....	do.....	11.15
	Z. D. Gilman.....	Syringe.....	.75
	Rex Sanitary Appliance Co.....	Disinfectors.....	15.20
	Woodward & Lothrop.....	Desk and soap.....	46.50
	Potomac & Electric Power Co.....	Electric current.....	17.34
	do.....	do.....	151.71
	Densmore Typewriter Co.....	Repairs.....	7.50
	Rudolph, West & Co.....	Hardware.....	12.45
	Hugh Reilly.....	Wall brushes.....	6.00
	Leidy S. Depue.....	Feed.....	123.06
	W. B. Moses & Sons.....	Desk, etc.....	46.39
16	John C. Rau.....	Electric supplies.....	1.84
	W. O. Gottwals.....	Clamps.....	13.00
	M. Du Perow.....	Electric supplies.....	1.96
	Standard Oil Co. (Baltimore branch).....	Oil.....	7.20
	Kellogg Switchboard and Supply Co.....	Plugs, etc.....	3.10
	The Tribune Association.....	Advertising.....	34.00
18	Wm. J. Zeh.....	Coal.....	198.50
	do.....	do.....	415.49
	Chicago, Milwaukee and St. Paul Rwy. Co.....	Passenger transportation.....	13.50
19	Wm. H. Lacy.....	Plastering.....	40.38
	do.....	do.....	17.88
24	D. Frank Parker.....	Ribbons, etc.....	144.60
	Swayze, Bailey & Co.....	Staples, etc.....	22.00
	Fred. A. Schmidt.....	Sealing wax.....	2.25
	C. Becker.....	Repairs to harness, etc.....	13.10
	Mary E. Parker, executrix.....	Stationery supplies.....	590.18
	J. P. Nawrath.....	Cotton.....	15.73
	R. McReynolds.....	Repairs to harness.....	15.00
	Ernest Betz.....	Repairs on roof, etc.....	277.05
	James B. Lambie Co. (Incorporated).....	Screws, etc.....	11.95
	The Chesapeake and Potomac Telephone Co.....	Moving telephone.....	.67
	American Ice Co.....	Ice.....	85.95
31	James Wilson.....	Traveling expenses.....	63.60
	James Halley et al.....	Salaries.....	161.80
June 3	Adams Exoress Co.....	Transportation.....	12.50
	R. Carter Ballantyne.....	Envelopes, etc.....	50.30
	Church & Stephenson.....	Lumber.....	75.30
	Chesapeake and Potomac Telephone Co.....	Changing telephone.....	2.80
	The Maurice Joyce Engraving Co.....	Rubber stamps.....	2.00
	Harvard Laundry Co.....	Washing towels.....	45.51
	The Philadelphia Item.....	Advertising.....	27.50
	Tribune Co. (Chicago).....	do.....	28.50
	Woodward & Lothrop.....	Soap, etc.....	13.44
	Thos. Somerville & Sons.....	Wiping cloth, etc.....	3.76
	Fred. A. Schmidt.....	Sealing wax.....	.90
4	Leidy S. Depue.....	Feed.....	150.50
11	Eberhard Faber.....	Pands.....	100.62
20	Rudolph, West & Co.....	Wire, etc.....	10.10
	J. H. Bunnell & Co.....	Dry batteries.....	5.00
	Burrelles Press Clipping Bureau.....	Clipping.....	35.00
	C. Becker.....	Collar, etc.....	12.35

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 20	Mackall Bros.	Camphor.	\$8.00
	Geo. F. Muth & Co.	Lead, etc.	24.64
	M. Du Perow.	Tubing, etc.	38.24
	Chas. R. Edmonston.	Hampers, etc.	21.91
	American Ice Co.	Ice.	116.53
	R. C. M. Burton & Son.	Taking down awnings.	167.40
	Potomac Electric Power Co.	Electric current.	124.58
	Capital Traction Co.	Tickets.	20.00
	W. H. Laey.	Repairs on buildings.	23.00
	James B. Lambie Co. (Incorporated).	Hardware.	2.07
	S. Keighley Metal Ceiling Co.	Ceilings.	197.31
	Washington Gas Light Co.	Gas.	19.90
	Woodward & Lothrop.	Chairs, etc.	91.42
	Thos. Somerville & Sons.	Washer, etc.	1.65
	The C. J. McCubbin Co.	do. ....	.50
	Francis Millar.	Paint.	3.75
	E. G. Schafer & Co.	Pipe.	2.88
	Rex Sanitary Appliance Co.	Disinfectors.	15.20
	Remington Typewriter Co.	Repairs to typewriter.	14.50
	Theo. Schondan.	Horseshoes.	12.00
25	James Wilson.	Traveling expenses.	42.15
	Washington Post Co.	Advertising.	17.25
29	Washington Times Co.	do.	18.00
	Western Union Telegraph Co.	Telegraph service.	7.24
	Wm. H. Rupp Co.	Stenographer books, etc.	62.00
30	Jas. Halley et al.	Salaries.	156.60
	Total fourth quarter.		8,652.07
1903.	<i>Supplemental.</i>		
July 14	I. P. Roosa.	Services.	100.00
	Harvard Laundry Co.	Laundering towels.	45.67
	Theo. Schondan.	Horseshoes.	9.00
18	American Ice Co.	Ice.	168.97
	Ernest Betz.	Repairs and labor.	18.10
	Church & Stephenson.	Lumber.	29.11
	Harvard Laundry Co.	Washing towels.	54.15
	W. B. Moses & Sons.	Repairs, etc.	10.95
	Robt. Murphy.	Wood.	122.50
	Potomac Electric Power Co.	Electric current.	153.00
	Washington Gas Light Co.	Gas.	18.90
19	Burrelles Press Clipping Bureau.	Clippings.	17.50
	Journal Newspaper Co.	Advertising.	15.75
	Yawman & Erbe Manufacturing Co.	File.	7.75
	Library Bureau.	Stand.	5.00
	G. E. Stechert.	Subscriptions.	9.88
20	The Chesapeake and Potomac Telephone Co.	Call. ....	.10
	The Evening Star.	Advertisement.	13.00
	Louis Hartig.	Horseshoes.	10.58
	Albert Kahlert & Co.	Cleaning carpets.	100.01
	Washington Post Co.	Copies of paper.	14.45
	Lamb & Tilden.	Daters.	7.00
	Mutual District Messenger Co.	Rent.	10.00
	Mackall Bros.	Vaseline. ....	.30
	R. McReynolds Sons.	Repairs to curtain. ....	.75
	New York Cycle Co.	Tires.	6.95
	Jno. F. Sturgeon.	Moulding, etc.	4.35
	Jos. Strasburger.	Paste. ....	.50
	Rudolph, West & Co.	Bolts, etc.	8.30
	Rex Sanitary Appliance Co.	Disinfectant.	15.20
	J. T. Thomson.	Stamping paper.	15.00
Aug. 3	R. C. M. Burton & Son.	Awnings.	9.00
	The Chesapeake and Potomac Telephone Co.	Telephone service.	78.25
	do.	do.	6.25
	Mackall Bros.	Soap.	8.82
	Jno. C. Parker.	Mucilage.	11.49
	Louis Hartig.	Horseshoes.	7.70
16	Western Union Telegraph Co.	Telegraph service.	1.91
17	M. G. Copeland.	Flag.	3.41
	M. Du Perow.	Electrical supplies.	5.50
	The J. C. Ergood Co.	Pearline, etc.	25.00
	Geo. F. Muth & Co.	Printers' material.	7.00
	National Electric Supply Co.	Electrical supplies.	22.15
	Wm. H. Rupp Co.	Sponge cups, etc.	8.50
	Wm. J. Zeh.	Fuel.	415.09
18	The Okonite Co. (Limited).	Wire.	12.50
27	Barber & Ross.	Oilers. ....	.70
29	The Geo. W. Knox Express Co.	Transportation. ....	.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1903. Aug. 29	Geo. F. Muth & Co.....	Chamois skins, etc.....	\$16.43
	Hugh Reilly.....	Varnish, etc.....	23.25
	Smithsonian Institution.....	Transportation exchanges.....	42.75
	Thos. Somerville & Sons.....	Repairs to valve.....	.45
	do.....	Repairs.....	12.00
Sept. 20	Chas. R. Edmonston.....	Pan, etc.....	.80
	Underwood Typewriter Co.....	Repairs.....	.50
24	Western Union Telegraph Co.....	Telegraph service.....	2.98
	Total.....		1,701.40

RECAPITULATION.

Total first quarter.....	\$4,718.33
Total second quarter.....	10,388.65
Total third quarter.....	11,378.53
Total fourth quarter.....	8,652.07
Total supplemental.....	1,701.40
Total.....	36,838.98

AGRICULTURAL EXPERIMENT STATIONS.

Date.	Name.	Nature of payment.	Total.
1903. July 13	American Writing Machine Co.....	Paper.....	\$18.00
25	W. H. Evans.....	Traveling expenses.....	64.92
29	W. H. Beal.....	do.....	32.53
	H. W. Lawson.....	do.....	25.00
31	A. C. True et al.....	Salaries.....	2,726.98
Aug. 1	E. W. Allen.....	Traveling expenses.....	18.30
4	M. Du Perow.....	Dry batteries.....	.60
13	D. J. Crosby.....	Traveling expenses.....	58.00
	A. C. True.....	do.....	144.55
15	Rudolph, West & Co.....	Hinges.....	1.25
	do.....	Knobs.....	.95
24	W. H. Beal.....	Traveling expenses.....	15.14
31	A. C. True et al.....	Salaries.....	2,572.56
Sept. 10	Capital Traction Co.....	72 tickets.....	3.00
16	E. V. Wilcox.....	Traveling expenses.....	56.65
19	New York Central and Hudson River R. R. Co.....	Passenger transportation.....	20.45
	Rutland R. R. Co.....	do.....	8.50
	New York, New Haven and Hartford R. R. Co.....	do.....	3.50
	Southern Rwy. Co.....	do.....	9.90
21	A. C. True.....	Traveling expenses.....	43.06
22	C. B. Smith.....	do.....	27.40
24	D. J. Crosby.....	do.....	20.00
	E. W. Allen.....	do.....	55.10
28	W. H. Beal.....	do.....	41.95
30	A. C. True et al.....	Salaries.....	2,622.43
	Total first quarter.....		8,590.72
Oct. 3	A. C. True.....	Traveling expenses.....	26.22
8	Peter Fireman.....	Translating.....	25.00
	John C. Parker.....	Paper.....	3.50
12	American Cycle Manufacturing Co.....	Pump and bell.....	.95
21	D. J. Crosby.....	Traveling expenses.....	19.18
23	Wm. H. Rupp Co.....	Labels.....	2.50
	Civic Improvement League.....	Photos.....	.75
28	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	Charles L. Goodrich.....	Article for publication.....	40.00
	Delano & Moore.....	Prints, etc.....	4.18
	The Geo. W. Knox Express Co.....	Transportation.....	1.60
	Murray Lyceum Bureau.....	Lantern slides.....	19.25
31	The Chesapeake and Ohio Rwy. Co.....	Passenger transportation.....	15.00
	Chicago and Northwestern Rwy. Co.....	do.....	10.32
	New York Central and Hudson River R. R. Co.....	do.....	4.00
	Baltimore and Ohio R. R. Co.....	do.....	6.50
	The Lake Shore and Michigan Southern Rwy. Co.....	do.....	24.52
	Union Pacific R. R. Co.....	do.....	27.65
	Pennsylvania R. R. Co.....	do.....	10.00
	Lehigh Valley R. R. Co.....	do.....	9.33

174 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

AGRICULTURAL EXPERIMENT STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 31	Grand Rapids and Indiana Rwy. Co.	Passenger transportation	\$4.26
	Central R. R. Co. of New Jersey	do	6.50
	Northern Pacific Rwy. Co.	do	27.03
	The Oregon R. R. and Navigation Co.	do	10.85
	Grand Trunk Rwy. Co.	do	6.90
	A. C. True et al.	Salaries	2,790.31
Nov. 4	A. C. True	Traveling expenses	50.26
13	D. J. Crosby	do	73.89
	Church & Stephenson	Lumber	6.12
16	E. W. Allen	Traveling expenses	43.60
20	O. J. Kern	Photos	5.50
21	Remington Typewriter Co.	Adjusting typewriters .....	.60
23	Yawman & Erbe Manufacturing Co.	Cards	2.80
30	A. C. True et al.	Salaries	2,779.03
Dec. 1	The Hammond Typewriter Co.	Repairs	3.19
	W. B. Moses & Sons	Furniture polish .....	.50
	Delano & Moore	Photo supplies	4.19
2	Library Bureau	Tin trays	2.70
	Peter Fireman	Translating	33.75
5	A. C. True	Traveling expenses	13.50
10	D. Frank Parker	Ink, etc.	2.80
17	Rudolph, West & Co.	Duster, etc.	1.12
	Library Bureau	Tray	1.00
	Church & Stephenson	Lumber	2.04
	David W. Brown	Report	135.00
	John C. Parker	Note books, etc.	7.65
18	Richmond, Fredericksburg and Potomac R. Co.	Passenger transportation	3.50
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	17.50
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do	14.40
	The Lake Shore and Michigan Southern Rwy. Co.	do	5.87
	Boston and Maine R. R.	do	6.00
	Baltimore and Ohio R. R. Co.	do	17.85
	Southern Rwy. Co.	do	20.35
	Washington Southern Rwy. Co.	do	8.30
	Southern Pacific Co.	do	5.20
	New York, New Haven and Hartford R. R. Co.	do	10.50
	Pennsylvania R. R. Co.	do	68.00
22	W. H. Beal	Traveling expenses	10.25
28	Union Pacific R. R. Co.	Passenger transportation	40.50
31	A. C. True et al.	Salaries	2,883.05
	Total second quarter		9,405.58
1904.			
Jan. 7	Capital Traction Co.	Tickets	5.00
12	E. V. Wilcox	Traveling expenses	39.90
14	Library Bureau	Trays and cases	15.00
25	Pennsylvania R. R. Co.	Passenger transportation	19.50
	do	do	10.00
	New York, New Haven and Hartford R. R. Co.	do	12.25
	Baltimore and Ohio R. R. Co.	do	12.48
26	D. Frank Parker	Ink	1.20
	Kenyon L. Butterfield	Article for publication	25.00
	Adams Express Co.	Transportation	4.31
	John C. Parker	Calendar pads .....	.50
31	A. C. True et al.	Salaries	3,065.51
Feb. 8	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
9	National Electric Supply Co.	Electric supplies	1.85
	Woodward & Lothrop	Chairs	3.80
12	Wolf Bros.	Envelopes	8.72
17	Baltimore and Ohio R. R. Co.	Passenger transportation	20.25
18	Norfolk and Western Rwy. Co.	do	6.30
	The Pullman Co.	do	19.00
	The Wabash R. R. Co.	do	10.85
	A. C. True	Traveling expenses	4.90
	Pennsylvania R. R. Co.	Passenger transportation	15.95
23	L. H. Bailey	Article for publication	120.00
24	E. Morrison Paper Co.	Paper	3.00
	Delano & Moore	Prints	1.44
	U. S. Express Co.	Transportation	3.08
	Remington Typewriter Co.	Typewriter	90.00
27	Western Union Telegraph Co.	Telegraph service	2.38
29	A. C. True et al.	Salaries	2,941.34
Mar. 7	D. J. Crosby	Traveling expenses	27.44
11	Mabel R. Wilcox	Translating	95.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

AGRICULTURAL EXPERIMENT STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	Church & Stephenson.....	Lumber.....	\$7.35
	R. P. Andrews & Co. (Incorporated).....	Paper.....	1.20
	E. Morrison Paper Co.....	Pasteboard.....	1.50
24	R. Carter Ballantyne.....	Indexes.....	.53
26	Yawman & Erbe Manufacturing Co.....	Sections.....	46.70
	Rudolph, West & Co.....	Lock, etc.....	1.51
28	The Wabash R. R. Co.....	Passenger transportation.....	7.02
29	Canadian Pacific Rwy. Co.....	do.....	50.00
31	Pennsylvania R. R. Co.....	do.....	14.25
	Peter Fireman.....	Translating.....	41.25
	A. C. True et al.....	Salaries.....	3,266.49
	Total third quarter.....		10,030.00
Apr. 9	R. P. Andrews & Co. (Incorporated).....	Clips.....	2.40
11	American Writing Machine Co.....	Paper.....	19.00
14	Capital Traction Co.....	Tickets.....	5.00
18	Postal Telegraph-Cable Co.....	Telegraph service.....	.62
19	Union Envelope Co.....	Envelopes.....	28.50
	H. C. Davison & Co.....	Paper.....	5.40
20	Pennsylvania Company.....	Passenger transportation.....	17.50
	Library Bureau.....	Cards, etc.....	8.00
	do.....	do.....	3.20
25	D. Frank Parker.....	Numbering machine, etc.....	12.50
	Wm. H. Rupp Co.....	Paper.....	1.25
28	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
29	E. W. Allen.....	Traveling expenses.....	26.65
30	A. C. True et al.....	Salaries.....	3,142.00
May 4	Lucius R. Hazen.....	Clips.....	.60
	U. S. Envelope Co.....	Envelopes.....	41.10
13	Adams Express Co.....	Transportation.....	4.75
	U. S. Express Co.....	do.....	2.70
	Western Union Telegraph Co.....	Telegraph service.....	9.40
	Blue Line Transfer Co.....	Transportation.....	.37
18	D. J. Crosby.....	Traveling expenses.....	47.01
19	W. B. Moses & Sons.....	Rug, etc.....	67.50
	Woodward & Lothrop.....	Matting.....	37.95
	Library Bureau.....	Cards.....	26.90
23	Wolf Bros.....	Envelopes.....	14.67
26	Washington Southern Rwy. Co.....	Passenger transportation.....	15.35
31	A. C. True et al.....	Salaries.....	3,004.15
June 3	H. C. Davison & Co.....	Paper.....	10.80
	S. N. Meyer.....	Labels.....	18.00
	Yawman & Erbe Manufacturing Co.....	Guides.....	29.50
6	J. I. Schulte.....	Salary.....	153.40
8	D. W. May.....	Traveling expenses.....	40.30
11	U. S. Envelope Co.....	Envelopes.....	4.90
13	A. C. True.....	Traveling expenses.....	41.95
16	Walter H. Evans.....	do.....	46.27
20	Adams Express Co.....	Transportation.....	3.70
	Gaylord Bros.....	Paper.....	.75
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	.10
	R. Carter Ballantyne.....	Trunk board, etc.....	42.17
	Rudolph, West & Co.....	Saw, etc.....	3.27
	W. B. Moses & Sons.....	Chairs, etc.....	128.90
	Geo. F. Muth & Co.....	Benzine and can.....	.40
	Library Bureau.....	Guides.....	2.00
	James B. Lambie Co. (Incorporated).....	Hatchet.....	.42
	Frank E. Hopkins.....	Hinges.....	2.50
	Jas. B. Lambie Co. (Incorporated).....	Zinc.....	1.60
	Western Union Telegraph Co.....	Telegraph service.....	1.95
	Woodward & Lothrop.....	Desk, etc.....	76.00
	S. J. Venable.....	Frames.....	4.50
	Southern Printers' Supply Co.....	Electros.....	2.65
29	Delano & Moore.....	Photo supplies.....	72.09
	Wm. H. Rupp Co.....	Scale, etc.....	9.10
	H. M. Pieters.....	Translating.....	47.50
	National Electric Supply Co.....	Electrical supplies.....	10.32
	The Murray Lyceum Bureau.....	Slides.....	10.20
	Felt & Tarrant Manufacturing Co.....	Comptometer.....	150.00
30	A. C. True et al.....	Salaries.....	2,930.20
	Total fourth quarter.....		10,406.16
	Supplemental.		
July 5	D. J. Crosby.....	Traveling expenses.....	74.34
18	Capital Traction Co.....	Fare tickets (120).....	5.00
	Delano & Moore.....	Films.....	5.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

AGRICULTURAL EXPERIMENT STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 18	W. B. Moses & Sons	Cases, etc.	\$35.75
19	American Writing Machine Co.	Paper	23.75
	Swayze, Bailey & Co.	Labels, etc.	1.40
	United States Envelope Co.	Envelopes	14.25
20	National Electric Supply Co.	Fan	10.50
	Remington Typewriter Co.	Typewriter	90.00
	Woodward & Lothrop	Matting, etc.	41.88
	Lamb & Tilden	Numbering machine.	27.44
23	Southern Rwy. Co.	Passenger transportation	7.20
26	Peter Fireman	Abstracts of reports	37.50
30	Atlantic Coast Line R. R. Co.	Passenger transportation	3.45
	Seaboard Air Line Rwy.	do	21.60
Aug. 1	O. W. Barrett	Traveling expenses	51.61
3	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
	D. F. Parker	Stencil pencils	2.00
	John C. Parker	Paper	7.80
10	O. W. Barrett	Services	148.30
	E. W. Allen	Traveling expenses	65.75
16	Western Union Telegraph Co.	Telegraph service .....	.26
	Remington Typewriter Co.	Adjusting typewriter	1.70
17	do	Typewriter	92.25
18	Library Bureau	Cards	2.38
27	R. Carter Ballantyne	Envelopes, etc.	8.95
29	F. W. Woll	Translating	250.00
Sept. 1	E. V. Wilcox	Traveling expenses	9.75
14	United States Express Co.	Transportation	1.20
17	Jasper Wilson	Traveling expenses	144.15
19	Rutland R. R. Co.	Passenger transportation	9.68
	Southern Rwy. Co.	do	3.10
	do	do	10.40
	Lehigh Valley R. R. Co.	do	2.23
	St. Louis and San Francisco R. R. Co.	do	18.74
	Georgia Southern and Florida Rwy. Co.	do	9.00
	Illinois Central R. R. Co.	do	9.07
	Burlington and Missouri River R. R. in Nebraska.	do	1.65
	Chicago, Rock Island and Pacific Rwy. Co.	do	7.76
	Chicago and Northwestern Rwy. Co.	do	19.00
	Chicago and Alton Rwy. Co.	do	7.50
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	7.22
	Baltimore and Ohio R. R. Co.	do	10.00
	The Wabash R. R. Co.	do	4.35
	do	do	22.10
	The Chesapeake and Ohio R. R. Co.	do	65.80
	New York Central and Hudson River R. R. Co.	do	4.45
20	Adams Express Co.	Transportation	1.55
	Yawman & Erbe Manufacturing Co.	Cabinet	40.00
24	Western Union Telegraph Co.	Telegraph service	2.02
	The Wabash R. R. Co.	Passenger transportation	4.93
	Total		1,505.21

RECAPITULATION.

Total first quarter	\$8,590.72
Total second quarter	9,405.58
Total third quarter	10,030.00
Total fourth quarter	10,406.16
Total supplemental	1,505.21
Total	39,937.67

STATIONS OF ALASKA.

Date.	Name.	Nature of payment.	Total.
1903.			
July 20	Bernard Hirst	Tools	\$3.70
24	W. P. Mills Co. (Incorporated)	Hay and feed	33.85
28	Edw. de Groff	Coal and wharfage	13.15
Aug. 1	C. C. Georgeson	Salary	252.70
	F. E. Rader	do	126.40
	H. P. Nielsen	do	126.40
	J. W. Neal	do	126.40
	R. W. De Armond	do	75.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

STATIONS OF ALASKA—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 1	W. L. Neal	Salary	\$70.00
26	P. H. Ross	do.	60.00
26	Seattle Hardware Co.	Anchor	19.73
27	do.	Wood preservative	6.50
Sept. 3	H. P. Nielsen	Salary	126.40
	W. L. Neal	do.	70.00
	P. H. Ross	do.	60.00
	J. W. Neal	do.	126.40
	E. L. Wells	do.	50.00
	do.	do.	50.00
	C. C. Georgeson	do.	252.70
	F. E. Rader	do.	126.40
	R. W. De Armond	do.	75.00
18	Pacific Packing and Navigation Co.	Passenger transportation	28.00
19	Pacific Coast S. S. Co.	do.	30.00
28	P. H. Ross	Salary	60.00
	J. W. Neal	Expenses	29.50
	Fred. E. Rader	Salary	122.20
	C. C. Georgeson	do.	244.60
	Walter L. Neal	do.	70.00
	H. P. Nielsen	do.	122.20
	Edward L. Wells	do.	50.00
	R. W. De Armond	do.	75.00
	J. W. Neal	do.	146.80
	Total first quarter		2,829.03
Oct. 9	H. P. Nielsen	Expenses	64.40
19	J. W. Neal	Traveling expenses	58.80
	C. C. Georgeson	do.	112.00
22	W. P. Mills Co. (Incorporated)	Station supplies	155.22
23	J. W. Neal	Expenses	107.20
	W. P. Mills Co. (Incorporated)	Lumber	48.69
	H. P. Nielsen	Expenses	93.00
24	W. P. Mills Co. (Incorporated)	Supplies	50.03
31	Northern Pacific Rwy. Co.	Passenger transportation	5.60
	Alaska Commercial Co.	do.	30.00
	Pacific Packing and Navigation Co.	do.	10.00
Nov. 2	C. C. Georgeson	Salary	252.70
	H. P. Nielsen	do.	126.40
	R. W. De Armond	do.	75.00
	W. L. Neal	do.	70.00
	J. W. Neal	do.	151.60
	P. H. Ross	do.	60.00
	Fred. E. Rader	do.	126.40
	Edward de Groff	Freight	6.30
4	W. S. Amy	Horses	200.00
10	Edward L. Wells	Salary	50.00
20	O. B. Hess	Cow, etc.	76.40
25	J. W. Neal	Expenses	85.04
30	do.	Salary	146.80
	R. W. De Armond	do.	75.00
	Fred. E. Rader	do.	122.20
	C. C. Georgeson	do.	244.60
	P. H. Ross	do.	60.00
Dec. 2	W. P. Mills Co. (Incorporated)	Supplies	61.34
16	do.	do.	47.00
18	Juneau Steamship Co.	Passenger transportation	10.00
19	H. P. Nielsen	Expenses	29.55
	The A. Hambach Co.	Hot-water heating plant	392.80
21	John Bartnoosky	Cow	50.00
	Total second quarter		3,254.07
1904.			
Jan. 2	P. H. Ross	Traveling expenses	34.90
	do.	Salary	60.00
	R. W. De Armond	do.	75.00
	J. W. Neal	do.	151.60
	Fred. E. Rader	do.	126.40
	C. C. Georgeson	do.	252.70
18	Carl Spuhn	Fertilizer	29.95
26	Edward de Groff	Freight charges	11.90
Feb. 2	R. W. De Armond	Salary	75.00
	C. C. Georgeson	do.	255.50
	J. W. Neal	do.	153.80
	Fred. E. Rader	do.	127.70
	P. H. Ross	do.	60.00
12	W. P. Mills Co. (Incorporated)	Station supplies	43.43
23	Dunham, Carrigan and Hayden Co.	Hayrake	30.00

178 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

STATIONS OF ALASKA—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 23	Geo. E. James.....	Door, etc.....	\$21.46
	W. P. Mills Co. (Incorporated).....	Flooring, etc.....	36.45
	.....do.....	Supplies.....	61.38
29	J. W. Neal.....	Salary.....	143.40
	P. H. Ross.....	.....do.....	60.00
	R. W. De Armond.....	.....do.....	75.00
	Fred. E. Rader.....	.....do.....	119.60
	C. C. Georgeson.....	.....do.....	239.00
Mar. 2	J. W. Neal.....	Traveling expenses.....	22.10
	C. C. Georgeson.....	Expenses.....	12.80
4	R. Blux.....	Care of horses.....	45.00
	Edward de Groff.....	Coal, etc.....	52.25
	Frank J. Kinghorn.....	Hauling, etc.....	24.44
5	W. P. Mills Co. (Incorporated).....	Coal, etc.....	31.81
21	Curtis P. Coe.....	Report.....	53.00
	Total third quarter.....		2,485.07
Apr. 25	S. L. Reinhardt & Co.....	Wax paper.....	1.35
	Total fourth quarter.....		1.35

RECAPITULATION.

Total first quarter.....	\$2,829.03
Total second quarter.....	3,254.07
Total third quarter.....	2,485.07
Total fourth quarter.....	1.35
Total.....	8,569.52

STATIONS OF ALASKA—SPECIAL AGENT.

Date.	Name.	Nature of payment.	Total.
1903.			
July 1	C. C. Georgeson.....		\$1,000.00
1904.			
Jan. 12	.....do.....		1,000.00
24	.....do.....		1,000.00
May 14	.....do.....		1,500.00
June 13	.....do.....		2,033.23
	Total.....		6,533.23

HAWAII.

Date.	Name.	Nature of payment.	Total.
1903.			
July 24	M. V. Slingerland.....	Lantern slides.....	\$31.22
Aug. 17	G. E. Stechert.....	Books.....	11.10
	United States Envelope Co.....	Envelopes.....	15.60
19	G. E. Stechert.....	Books.....	45.86
25	The Kny-Scheerer Co.....	Cages, etc.....	30.75
Sept. 11	G. E. Stechert.....	Books.....	33.81
	Total first quarter.....		168.34
Oct. 12	E. Morrison Paper Co.....	Herbarium paper.....	4.50
14	G. E. Stechert.....	Books.....	67.75
Nov. 23	.....do.....	.....do.....	126.50
	.....do.....	.....do.....	7.11
Dec. 15	Oceanic Steamship Co.....	Transportation.....	2.50
18	The Pacific Mail Steamship Co.....	.....do.....	135.00
	Total second quarter.....		343.36
1904.			
Jan. 25	Pennsylvania R. R. Co.....	Passenger transportation.....	29.65
26	G. E. Stechert.....	Books.....	6.32
	.....do.....	.....do.....	60.64
Mar. 5	.....do.....	.....do.....	297.64
	.....do.....	.....do.....	33.00
11	Postal Telegraph Cable Co.....	Telegraph service.....	2.15
	Total third-quarter.....		429.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

RECAPITULATION.

Total, first quarter.....	\$168.34
Total, second quarter.....	343.36
Total, third quarter.....	429.40
Total.....	941.10

HAWAII—SPECIAL AGENT.

Date.	Name.	Nature of payment.	Total.
1904.			
July 1	J. G. Smith.....		\$4,000.00
Sept. 9	.....do.....		3,000.00
Nov. 23	.....do.....		2,300.00
1904.			
Jan. 20	J. G. Smith.....		2,000.00
Mar. 24	.....do.....		2,000.00
Apr. 22	.....do.....		821.97
	Total.....		14,121.97

PAID BY U. S. TREASURY.

1904.			
Feb. 17	Union Pacific R. R. Co.....	Passenger transportation.....	\$27.00

PORTO RICO.

1903.			
Aug. 1	F. D. Gardner.....	Salary.....	\$252.70
	O. W. Barrett.....	do.....	126.40
	E. C. Howe.....	do.....	101.10
	J. W. Van Leenhoff.....	do.....	30.30
Sept. 3	E. C. Howe.....	do.....	101.10
	J. W. Van Leenhoff.....	do.....	30.30
	F. D. Gardner.....	do.....	252.70
	O. W. Barrett.....	do.....	139.00
4	Olds & Whipple.....	Tenting cloth.....	40.56
24	W. A. Wood M. & R. M. Co.....	Mower, etc.....	45.00
28	O. W. Barrett.....	Salary.....	67.26
	Frank D. Gardner.....	do.....	244.60
	J. W. Van Leenhoff.....	do.....	29.40
	Edward C. Howe.....	do.....	97.80
	Total first quarter.....		1,558.22
Nov. 2	O. W. Barrett.....	Salary.....	139.00
	Edward C. Howe.....	do.....	109.50
	Frank D. Gardner.....	do.....	252.70
	J. W. Van Leenhoff.....	do.....	30.30
23	Yawman & Erbe Manufacturing Co.....	Guides.....	1.20
30	Frank D. Gardner.....	Salary.....	244.60
	O. W. Barrett.....	do.....	134.50
	Edward C. Howe.....	do.....	106.00
	Johan Van Leenhoff, jr.....	do.....	97.80
	J. W. Van Leenhoff.....	do.....	29.40
Dec. 1	Brentanos.....	Books.....	29.68
2	Reasoner Bros.....	Plants.....	22.94
5	E. F. Curt.....	Salary.....	27.17
	Total second quarter.....		1,224.79
1904.			
Jan. 2	Frank D. Gardner.....	Salary.....	252.70
	J. W. Van Leenhoff.....	do.....	30.30
	O. W. Barrett.....	do.....	139.00
	Edward C. Howe.....	do.....	109.50
	E. F. Curt.....	do.....	84.20
	Johan Van Leenhoff, jr.....	do.....	101.10
12	Frank D. Gardner.....	Traveling expenses.....	20.72
19	I. P. Roosa.....	Expenses.....	5.05
27	F. A. Cauchois & Co.....	Roasting coffee, etc.....	30.78
Feb. 1	Frank D. Gardner.....	Salary.....	255.50
2	O. W. Barrett.....	do.....	153.30
	E. F. Curt.....	do.....	85.20
	Edward C. Howe.....	do.....	110.70

180 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PORTO RICO—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 2	J. Van Leenhoff.....	Salary.....	\$102.20
12	J. W. Van Leenhoff.....	do.....	40.90
16	Edmund Mortimer & Co.....	Fertilizer.....	16.70
16	Geo. W. Moss.....	Passenger transportation.....	40.00
18	Pennsylvania R. R. Co.....	do.....	6.50
24	The New York and Porto Rico Steamship Co.....	do.....	40.00
29	F. W. Bolgiano & Co.....	Pitts for harrow.....	7.50
	Johan Van Leenhoff, jr.....	Salary.....	95.60
	E. F. Curt.....	do.....	79.60
	Frank D. Gardner.....	do.....	239.00
	O. W. Barrett.....	do.....	143.00
	J. W. Van Leenhoff.....	do.....	38.42
	Edward C. Howe.....	do.....	103.60
Mar. 26	Rudolph, West & Co.....	Steel tape.....	7.00
28	The New York and Porto Rico Steamship Co.....	Passenger transportation.....	40.00
	Total third quarter.....		2,378.25
Apr. 4	G. P. Clinton.....	Traveling expenses.....	6.10
9	I. P. Roosa.....	Mules.....	525.00
18	Estate of John C. Parker.....	Tags.....	5.25
20	Western Union Telegraph Co.....	Telegraph service.....	.72
25	Pennsylvania R. R. Co.....	Passenger transportation.....	6.50
28	D. Frank Parker.....	Mimeograph.....	15.00
May 4	Pennsylvania R. R. Co.....	Passenger transportation.....	8.00
26	United States Envelope Co.....	Envelopes.....	3.21
	Pennsylvania R. R. Co.....	Passenger transportation.....	6.50
	New York, New Haven, and Hartford R. R. Co.....	do.....	10.25
	The New York and Porto Rico Steamship Co.....	do.....	40.00
June 3	Adams Express Co.....	Transportation.....	3.15
11	F. D. Gardner.....	Traveling expenses.....	21.96
20	Boulton, Bliss and Dallett.....	Passenger transportation.....	40.00
	Total fourth quarter.....		691.64

RECAPITULATION.

Total first quarter.....	\$1,558.22
Total second quarter.....	1,224.79
Total third quarter.....	2,378.25
Total fourth quarter.....	691.64
Total.....	5,852.90

SPECIAL AGENTS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 1	F. D. Gardner.....		\$1,000.00
Aug. 18	do.....		2,000.00
Dec. 16	do.....		1,500.00
1904.			
Feb. 24	F. D. Gardner.....		1,000.00
May 3	David W. May.....		1,000.00
Apr. 2	F. D. Gardner.....		1,000.00
May 14	David W. May.....		1,000.00
June 13	do.....		647.10
	Total.....		9,147.10

FARMERS' INSTITUTES.

1903.			
July 31	Jno. Hamilton et al.....	Salaries.....	\$239.30
Aug. 31	do.....	do.....	239.30
Sept. 3	Jno. Hamilton.....	Traveling expenses.....	34.36
18	do.....	do.....	26.25
19	Southern Rwy. Co.....	Passenger transportation.....	31.94
30	Jno. Hamilton et al.....	Salaries.....	231.40
	Total first quarter.....		802.55

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FARMERS' INSTITUTES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 3	John Hamilton	Traveling expenses	\$22.64
21	do	do	89.80
22	Library Bureau	Pamphlet cases	20.00
31	Southern Rwy. Co.	Passenger transportation	11.75
	do	do	23.00
	Jno. Hamilton et al.	Salaries	239.30
Nov. 7	Jno. Hamilton	Traveling expenses	14.05
30	Jno. Hamilton et al.	Salaries	231.40
Dec. 18	Southern Rwy. Co.	Passenger transportation	18.50
	do	do	18.50
	do	do	17.40
	The Chicago, Burlington and Quincy Rwy. Co.	do	34.35
	Burlington and Missouri R. R. in Nebraska	do	14.75
19	John Hamilton	Traveling expenses	74.60
31	John Hamilton et al.	Salaries	239.30
	Total second quarter		1,069.34
1904.			
Jan. 25	Union Pacific R. R. Co.	Passenger transportation	31.50
	Pittsburg, Cincinnati and St. Louis Rwy. Co.	do	10.00
28	John Hamilton	Traveling expenses	96.40
31	John Hamilton et al.	Salaries	241.80
Feb. 29	John Hamilton	Traveling expenses	52.96
	John Hamilton et al.	Salaries	226.40
Mar. 17	Burlington and Missouri River R. R. in Nebraska	Passenger transportation	14.40
28	The Chicago, Burlington and Quincy Rwy. Co.	do	14.40
29	Chicago, Milwaukee and St. Paul Rwy. Co.	do	22.15
31	John Hamilton	Traveling expenses	83.23
	John Hamilton et al.	Salaries	241.80
	Total third quarter		1,035.04
Apr. 20	The Chesapeake and Ohio Rwy. Co.	Passenger transportation	19.25
	Delano & Moore	Albums	8.50
	The Wabash R. R. Co.	Passenger transportation	6.86
28	Terre Haute and Indianapolis R. R. Co.	do	19.25
	Grand Trunk Rwy. System	do	16.42
30	John Hamilton et al.	Salaries	234.00
May 13	United States Express Co.	Transportation .....	.60
18	Chicago and Northwestern Rwy. Co.	do	11.00
	Pennsylvania Company	do	12.00
	St. Louis and San Francisco R. R. Co.	do	23.50
	New York, New Haven and Hartford R. R. Co.	do	4.30
20	A. McCreary	Frames	18.00
26	Washington and Southern Rwy. Co.	Passenger transportation	8.30
26	St. Louis and San Francisco R. R. Co.	Passenger transportation	32.00
31	Jno. Hamilton et al.	Salaries	242.00
June 3	Adams Express Co.	Transportation .....	.45
	The Randolph Paper Box Co.	Pamphlet cases	8.10
4	John Hamilton	Traveling expenses	53.53
6	Yawman & Erbe Manufacturing Co.	Cabinet	78.25
20	W. B. Moses & Sons	Cases, etc.	12.50
25	John Hamilton	Traveling expenses	19.10
30	John Hamilton et al.	Salaries	234.00
	Total fourth quarter		1,061.91
	Supplemental.		
July 5	Delano & Moore	Photo supplies	44.28
20	Baltimore and Ohio R. R. Co.	Passenger transportation	19.50
	National Electrical Supply Co.	Desk fan	8.50
26	F. M. Heaton	Making charts	10.00
30	Seaboard Air Line Rwy.	Passenger transportation	28.30
	St. Louis and San Francisco R. R.	do	10.62
Aug. 3	Southern Printers' Supply Co.	Electros	2.50
16	Delano & Moore	Photo supplies	10.71
17	Jno. Craig	Lantern slides, etc.	100.00
18	Manhattan Electric Supply Co.	Fan	17.50
	R. A. Pearson	Photos	75.00
	H. J. Wheeler	do	100.00
	Library Bureau	Cabinet	120.00
	F. C. Stewart	Slides	75.00
	C. E. Thorne	Photos	75.00
Sept. 19	Chicago, Rock Island and Pacific Rwy. Co.	Passenger transportation	10.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FARMERS' INSTITUTES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Sept. 19	Pennsylvania Co.	Passenger transportation.....	\$8.10
	Baltimore and Ohio R. R. Co. ....	.....do.....	11.00
20	Adams Express Co.	Transportation.....	.50
24	Baltimore and Ohio R. R. Co.	Passenger transportation.....	14.25
	.....do.....	.....do.....	14.25
	Total.....	.....	755.16

RECAPITULATION.

Total first quarter	\$802.55
Total second quarter	1,069.34
Total third quarter	1,035.04
Total fourth quarter	1,061.91
Total supplemental	755.16
Total	4,724.00

NUTRITION INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 21	H. C. White	Report of studies	\$150.00
23	Thos. Cook & Son	Passenger transportation.....	90.00
31	C. F. Langworthy et al.	Salaries	407.80
Aug. 1	A. B. Albro et al.	Pay roll.....	930.43
	C. D. Woods	Salary	84.20
4	R. C. Ballantyne	Pens	2.60
5	L. D. Mills	Copper tank, etc	22.16
	McLeod, Ward & Co.	Pulleys, etc	12.63
19	H. A. Pratt	Expenses	35.00
	Helen W. Atwater	Report	150.00
	Library Bureau	Cards	1.50
	Safford Stamp Works	Numbering machine.....	5.25
31	C. F. Langworthy et al.	Salaries	407.80
Sept. 3	C. D. Woods	Salary	84.20
4	A. B. Albro et al.	Pay roll.....	617.61
9	Yawman & Erbe Manufacturing Co.	Cards	1.75
11	American Electric Works	Wire, etc	7.67
18	Thos. Cook & Son	Passenger transportation.....	31.36
19	New York, New Haven and Hartford R. R. Co. ....	.....do.....	2.10
21	Southern Printers' Supply Co.	Electros .....	.55
24	C. F. Langworthy	Traveling expenses	13.40
30	C. F. Langworthy et al.	Salaries	394.40
	Total first quarter .....	.....	3,452.41
Oct. 6	Chas. D. Wood	Salary	81.60
7	Francis G. Benedict et al.	Pay roll.....	439.60
21	.....do.....	Expenses	54.56
23	Densmore Typewriter Co.	Repairs	13.75
24	Stanley & Patterson	Electrical supplies.....	23.38
28	H. S. Grindley	Report	500.00
29	Eimer & Amend	Extractors, etc	19.20
31	C. F. Langworthy et al.	Salaries	407.80
Nov. 4	Francis G. Benedict et al.	Pay roll.....	754.22
	Chas. D. Woods	Salary	84.20
13	Thos. Cook & Son	Passenger transportation.....	38.60
16	R. D. Milner	Traveling expenses	75.36
30	C. F. Langworthy et al.	Salaries	231.40
Dec. 2	The Middleton Electric Light Co.	Electric power	12.83
	The Cox Brass Manufacturing Co.	Tubing	11.26
3	W. O. Atwater et al.	Pay roll.....	836.60
4	Chas. D. Wood	Salary	81.60
14	Harlow Raymond	Thermometers, etc	151.50
15	W. O. Atwater	Expenses	95.32
16	J. M. Van Vleck	Electric power, etc	96.25
	Middletown Gas Light Co.	Gas	27.58
	The Middletown Electric Light Co.	Electric power	27.93
	Pelton & King	Record blanks	12.00
	Lyman D. Mills	Unions, etc	16.83
18	Thos. Cook & Son	Passenger transportation.....	93.00
28	C. F. Langworthy	Traveling expenses	46.64
31	C. F. Langworthy et al.	Salaries	239.30
	Total second quarter .....	.....	4,472.31

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

NUTRITION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total
1904.			
Jan. 5	W. O. Atwater et al.	Pay roll	\$1,012.65
	Chas. D. Woods	Salary	84.20
14	Harry Snyder	Report	500.00
25	Thos. Cook & Son	Passenger transportation	19.30
26	American Spirits Manufacturing Co.	Alcohol	23.98
	Adams Express Co.	Transportation	.90
31	C. F. Langworthy	Salary	170.30
Feb. 2	W. O. Atwater et al.	Pay roll	955.05
	Chas. D. Woods	Salary	85.20
	H. S. Grindley	Traveling expenses	57.90
	W. O. Atwater	Expenses	69.93
12	Whitall, Tatum Co.	Watch glasses, etc.	8.45
	Wilcox, Crittenden & Co.	Castings	22.56
	Eimer & Amend	Chemicals, etc.	14.19
	Noxon & Whitney Co.	Hardware	10.79
	Densmore Typewriter Co.	Repairing typewriter	5.00
	General Electric Co.	Repairs	8.67
15	C. F. Langworthy	Traveling expenses	29.80
17	Baltimore and Ohio R. R. Co.	Passenger transportation	17.00
18	Pennsylvania R. R. Co.	do	15.95
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do	12.75
	Illinois Central R. R. Co.	do	3.83
27	Western Union Telegraph Co.	Telegraph service	.70
29	C. F. Langworthy	Salary	159.40
Mar. 2	Chas. D. Woods	do	79.60
	W. O. Atwater et al.	do	817.25
3	do	Expenses	36.00
	The Geo. W. Knox Express Co.	Transportation	.63
21	Wilcox, Crittenden & Co.	Castings	12.49
	Middletown Gas Light Co.	Gas	42.00
23	W. O. Atwater	Expenses	114.80
24	C. E. Wait	Reports	500.00
	Total third quarter		4,891.27
Apr. 4	Chas. D. Woods	Salary	85.20
	W. O. Atwater et al.	Pay roll	659.95
11	Eimer & Amend	Bunsen burner, etc.	16.50
	Lucius R. Hazen	Stationery supplies	46.23
	W. O. Atwater	Expenses	31.60
	do	do	106.00
19	H. S. Grindley	Report	500.00
20	W. O. Atwater	Traveling expenses	22.30
	do	do	10.45
	do	do	10.65
	J. M. Van Vleck	Electric light, etc.	162.57
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	Passenger transportation	8.65
May 2	Chas. D. Woods	Salary	82.40
	W. O. Atwater et al.	Pay roll	625.44
9	Francis G. Benedict	Expenses	60.00
13	Western Union Telegraph Co.	Telegraph service	.81
16	Middletown Electric Light Co.	Electric power	23.81
19	M. E. Jaffa	Report	500.00
24	W. O. Atwater	Traveling expenses	108.80
June 2	do	do	225.64
8	Chas. D. Woods	Salary	85.20
	W. O. Atwater et al.	Pay roll	767.20
	Howard L. Knight	Traveling expenses	2.25
11	Middletown Gas Light Co.	Gas	25.90
21	C. F. Langworthy	Traveling expenses	13.15
30	do	Salary	164.80
	Total fourth quarter		4,345.50
	Supplemental.		
July 2	Chas. D. Woods	Salary	82.40
5	W. O. Atwater et al.	Pay roll	978.82
11	W. O. Atwater	Traveling expenses	12.60
14	do	Expenses	129.35
19	H. S. Grindley	Reports	500.00
	L. R. Hazen	Labels, etc.	10.28
	M. E. Jaffa	Report	500.00
	Noxon & Whitney Co.	Files, etc.	7.03
	Stanley & Patterson (Incorporated)	Lamps	26.87
	Harry Snyder	Report	250.00
	C. E. Wait	do	250.00

184 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

NUTRITION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 23	Pennsylvania R. R. Co.....	Passenger transportation.....	\$6.50
	Southern Rwy. Co.....	.....do.....	7.40
	.....do.....	.....do.....	20.20
Aug. 18	Geo. D. Feidt.....	Blast apparatus.....	20.00
	Pelton & King.....	Paper.....	21.00
	Total.....		2,822.45

RECAPITULATION.

Total first quarter.....	\$3,452.41
Total second quarter.....	4,472.31
Total third quarter.....	4,891.27
Total fourth quarter.....	4,345.50
Total supplemental.....	2,822.45
Total.....	19,983.94

IRRIGATION INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 20	Hamburg American Line.....	Passenger transportation.....	\$111.50
21	A. F. Johnston.....	Traveling expenses.....	20.95
22	C. T. Johnston.....	.....do.....	25.65
23	R. T. Ely.....	.....do.....	20.90
24	David Lindsay.....	Hotel coupons.....	104.00
28	The Lupkin Rule Co.....	Steel tapes.....	20.63
31	E. Mead et al.....	Salaries.....	1,048.65
Aug. 3	C. T. Johnston et al.....	Pay roll.....	1,188.90
	C. G. Elliott.....	Salary.....	151.60
	Fred. Roediger.....	.....do.....	50.00
	A. R. Whitson.....	.....do.....	100.00
10	R. T. Ely.....	Traveling expenses.....	64.10
	.....do.....	Salary.....	40.00
	W. C. Sturdevant.....	.....do.....	52.00
	W. B. Gregory.....	.....do.....	130.00
	L. G. C. Mayer.....	.....do.....	84.20
14	C. E. Tait.....	Traveling expenses.....	58.05
	A. P. Stover et al.....	Pay roll.....	262.20
17	S. H. Seekner.....	Photographs.....	3.00
19	Wm. C. Sturdevant.....	Traveling expenses.....	15.15
	Albert E. Wright.....	.....do.....	48.69
	W. B. Dunton.....	.....do.....	22.80
	O. V. P. Stout.....	.....do.....	52.70
	The Geo. Trith Hardware Co.....	Boots, etc.....	18.00
	.....do.....	Waders.....	12.00
	J. E. Stinson.....	Picture frames.....	16.31
	W. & L. E. Gurley.....	Wrenches, etc.....	6.60
	Library Bureau.....	Cards, etc.....	22.72
	M. A. Seed Dry Plate Co.....	Chemicals.....	10.42
	Frank Adams.....	Traveling expenses.....	39.53
	J. G. Haney.....	Salary.....	80.00
22	Clarence T. Johnston.....	Expenses.....	33.53
	.....do.....	Traveling expenses.....	42.55
	Remington Typewriter Co.....	Type, etc.....	13.10
26	Alfred J. Turner.....	Traveling expenses.....	75.75
	Thos. May.....	Waders.....	24.00
27	C. G. Elliott.....	Traveling expenses.....	63.10
28	Morton A. Aldrich.....	Salary.....	130.00
31	Elwood Mead et al.....	Salaries.....	1,159.35
Sept. 1	W. B. Gregory.....	Traveling expenses.....	23.72
3	Samuel Fortier.....	.....do.....	25.81
	R. T. Ely.....	.....do.....	104.40
	C. G. Elliott.....	Salary.....	151.60
9	A. P. Stover et al.....	Pay roll.....	262.20
	C. T. Johnston et al.....	.....do.....	1,310.20
	A. R. Whitson.....	Salary.....	100.00
11	The A. Lutz Co.....	Soil thermometers.....	39.60
	W. & L. E. Gurley.....	Commutator box.....	7.50
16	R. T. Ely.....	Salary.....	240.00
	M. A. Aldrich.....	.....do.....	130.00
	W. B. Gregory.....	.....do.....	130.00
	W. C. Sturdevant.....	.....do.....	52.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 16	C. E. Tait.....	Traveling expenses.....	\$107.60
	J. E. Roadhouse.....	do.....	107.90
	C. T. Johnston.....	do.....	57.65
	do.....	Expenses.....	34.61
17	L. G. C. Mayer.....	Traveling expenses.....	39.34
	J. S. Baker.....	do.....	45.60
	A. E. Wright.....	do.....	48.70
	O. V. P. Stout.....	do.....	38.45
	W. C. Sturdevant.....	do.....	16.01
	Samuel Fortier.....	do.....	37.70
	W. B. Gregory.....	do.....	66.05
	Frank Fowler.....	do.....	17.40
	L. G. C. Mayer.....	do.....	72.05
19	New York Central and Hudson River R. R. Co.	Passenger transportation.....	32.75
22	J. E. Roadhouse.....	Traveling expenses.....	29.30
	A. J. Turner.....	do.....	2.80
	J. G. Haney.....	Salary.....	130.00
	A. B. Crane.....	do.....	160.00
24	A. P. Stover.....	Traveling expenses.....	77.15
	W. & L. E. Gurley.....	Time recorder.....	6.40
28	E. B. Voorhees.....	Salary.....	105.00
	Morton A. Aldrich.....	Traveling expenses.....	51.25
	Wm. Francis Bartlett.....	do.....	16.20
	C. G. Elliott.....	do.....	58.35
	Frank Adams.....	do.....	81.40
30	Elwood Mead.....	Salaries.....	1,055.40
	Total first quarter.....		10,494.72
Oct. 6	C. G. Elliott.....	Salary.....	146.80
	A. R. Whitson.....	do.....	100.00
9	Alfred J. Turner.....	do.....	97.80
12	Clarence T. Johnston et al.	Pay roll.....	1,235.72
	do.....	Traveling expenses.....	21.25
	do.....	Expenses.....	19.25
14	Elwood Mead.....	Traveling expenses.....	701.47
	do.....	do.....	27.15
17	C. G. Elliott.....	do.....	81.79
19	C. E. Tait.....	do.....	30.25
	Burton P. Fleming.....	do.....	152.25
	W. B. Gregory.....	do.....	6.45
	O. V. P. Stout.....	do.....	167.81
	W. B. Dunton.....	do.....	198.58
	William F. Bartlett.....	do.....	210.05
	Albert E. Wright.....	do.....	62.60
	L. G. C. Mayer.....	do.....	41.70
	Walter B. Dunton.....	do.....	22.40
	James Withycombe.....	Salary.....	105.00
	W. B. Gregory.....	do.....	140.00
	Fred. Roediger.....	do.....	50.00
21	A. J. Turner.....	Traveling expenses.....	3.70
	J. G. Haney.....	Salary.....	137.50
	Amy B. Hill.....	Traveling expenses.....	62.00
23	Hiram Sapp.....	Rent.....	180.00
	George Walkinshaw.....	Services.....	60.00
28	Blue Line Transfer Co.....	Transportation.....	25
	W. B. Moses & Sons.....	Chair.....	7.20
31	The Colorado and Southern Rwy. Co.....	Transportation.....	10.45
	Pennsylvania R. R. Co.....	do.....	6.50
	Union Pacific R. R. Co.....	do.....	53.65
	do.....	do.....	22.60
	Oregon Short Line R. R. Co.....	do.....	30.80
	Chicago and Northwestern Rwy. Co.....	do.....	59.30
	Denver and Rio Grande R. R. Co.....	do.....	22.00
	Elwood Mead et al.	Salaries.....	1,094.77
Nov. 2	Wm. C. Sturdevant.....	Salary.....	58.00
3	Burton P. Fleming.....	Expenses.....	5.00
	Wm. F. Bartlett.....	Traveling expenses.....	3.75
4	Wm. C. Sturdevant.....	do.....	45.30
	Francis A. Bartholow.....	do.....	19.25
	E. R. Morgan.....	do.....	36.45
	do.....	do.....	55.90
	do.....	do.....	62.40
	A. R. Whitson.....	Salary.....	100.00
	Francis A. Bartholow.....	do.....	60.87
5	Frank Adams.....	Traveling expenses.....	95.85
7	Capital Traction Co.....	Car tickets.....	3.00
	Clarence E. Tait et al.	Pay roll.....	923.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 13	E. Morrison Paper Co.	Manila paper	\$2.00
	Elwood Mead	Traveling expenses	30.12
	do.	do.	15.65
16	C. G. Elliott.	do.	79.08
	A. J. Turner.	Salary	101.10
	C. G. Elliott.	do.	151.60
	Burton P. Fleming	Traveling expenses	51.75
	Samuel Fortier	do.	46.20
18	do.	do.	61.05
19	A. E. Wright	do.	79.75
	W. B. Gregory	do.	32.58
23	C. E. Tait	Expenses	22.30
	C. G. Elliott.	Salary	24.46
24	Alberto Alfani.	Traveling expenses	8.80
	Frank Adams.	do.	63.30
30	J. G. Haney.	Salary	135.00
	Elwood Mead et al.	Salaries	1,235.19
Dec. 2	Clarence E. Tait et al.	Pay roll	933.67
4	A. R. Whitson	Traveling expenses	23.40
	Arthur P. Stover	do.	67.59
	A. J. Turner.	do.	39.39
	do.	Salary	122.20
5	C. E. Tait	Traveling expenses	73.90
	do.	do.	18.60
9	A. R. Whitson	Salary	100.00
10	Miriam C. Vance	Traveling expenses	19.60
11	Elwood Mead	do.	46.85
12	Alfred J. Turner	do.	4.20
	Walter B. Dunton	do.	4.25
14	Samuel Fortier	do.	11.15
	C. E. Tait	Expenses	13.15
16	Pullman Automatic Ventilator Co.	Ventilator	3.00
18	Southern California Rwy. Co.	Passenger transportation	3.15
	Burlington and Missouri River R. R. in Nebraska.	do.	12.45
	Chicago and Northwestern Rwy. Co.	do.	47.72
	Chicago and Alton Rwy. Co.	do.	3.68
	Northern Pacific Rwy. Co.	do.	31.00
	Oregon Short Line R. R. Co.	do.	20.20
	The Colorado and Southern Rwy. Co.	do.	11.90
	The Minneapolis and St. Louis R. R. Co.	do.	3.77
19	C. G. Elliott.	Traveling expenses	38.38
28	Union Pacific R. R. Co.	Passenger transportation	114.15
31	Elwood Mead et al.	Salaries	1,392.35
	Total second quarter.		12,179.35
1904.			
Jan 5	Frank Adams.	Traveling expenses	95.00
	Clarence E. Tait	Pay roll	802.80
	Alfred J. Turner	Salary	126.40
	A. B. Crain.	do.	90.00
6	A. E. Wright	Traveling expenses	69.50
14	A. R. Whitson	Salary	100.00
	C. E. Tait	Expenses	14.75
	Hiram Sapp	Rent	180.00
19	W. B. Gregory	Traveling expenses	20.35
20	J. S. Baker	Salary	492.37
25	Union Pacific R. R. Co.	Passenger transportation	18.30
	Oregon Short Line R. R. Co.	do.	33.10
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.	8.45
	Baltimore and Ohio R. R. Co.	do.	20.00
	Pennsylvania R. R. Co.	do.	43.90
	do.	do.	43.90
26	Frank Adams.	Traveling expenses	68.70
	E. B. Voorhees	Salary	350.00
28	Elwood Mead	Traveling expenses	16.70
29	Samuel Fortier	do.	69.60
	E. R. Morgan.	do.	84.10
31	Elwood Mead et al.	Salaries	1,306.00
Feb. 2	Clarence E. Tait et al.	Pay roll	828.00
	A. J. Turner.	Salary	127.70
	Arthur P. Stover	Traveling expenses	48.80
4	J. S. Baker	Salary	102.20
	Richard T. Fly	do.	260.00
	Walter W. McLaughlin	do.	52.75
	Frank Adams.	Traveling expenses	2.50
6	E. R. Morgan.	do.	54.20
	do.	do.	53.85

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 6	Gordon H. True.....	Salary.....	\$45.00
11	A. J. Turner.....	Traveling expenses.....	6.10
	A. R. Whitson.....	Salary.....	100.00
12	C. E. Tait.....	Traveling expenses.....	14.30
	Samuel Fortier.....	do.....	20.25
	Eugene Dietzgen Co.....	Lettering angles.....	1.80
17	Henrietta Bond.....	Salary.....	45.00
18	Union Pacific R. R. Co.....	Passenger transportation.....	20.60
	Pennsylvania Company.....	do.....	17.50
	Southern Rwy. Co.....	do.....	23.00
	The Chesapeake and Ohio Rwy. Co.....	do.....	27.40
	Chicago and Northwestern Rwy. Co.....	do.....	9.85
	Illinois Central R. R. Co.....	do.....	4.60
24	Pauline Coith.....	Translating.....	95.00
	Delano & Moore.....	Iconoscope, etc.....	7.97
27	Western Union Telegraph Co.....	Telegraph service.....	8.24
29	Elwood Mead et al.....	Salaries.....	1,225.50
Mar. 2	Walter W. McLaughlin.....	Salary.....	95.60
	Alfred J. Turner.....	do.....	119.60
	C. E. Tait.....	Expenses.....	18.45
	Clarence E. Tait et al.....	Pay roll.....	715.54
3	Elwood Mead.....	Traveling expenses.....	95.66
10	E. R. Morgan.....	Salary.....	95.60
	A. R. Whitson.....	do.....	100.00
12	C. E. Tait.....	Expenses.....	40.46
	A. P. Stover.....	Traveling expenses.....	36.40
	O. V. P. Stout.....	do.....	11.85
	A. J. Turner.....	do.....	6.65
	C. G. Elliott.....	do.....	119.87
	J. S. Baker.....	Salary.....	95.60
16	Delano & Moore.....	Photo supplies.....	10.76
17	Chicago, Rock Island and Pacific Rwy. Co.....	Passenger transportation.....	29.50
21	Library Bureau.....	Tray, cards, etc.....	3.00
23	W. B. Dunton.....	Traveling expenses.....	7.90
26	A. H. Baldwin.....	Drawings.....	30.00
28	The Chesapeake and Ohio Rwy. Co.....	Passenger transportation.....	26.80
	The Wabash R. R. Co.....	do.....	4.76
29	Pennsylvania R. R. Co.....	do.....	10.00
	St. Louis Southwestern Rwy. Co.....	do.....	4.02
	Union Pacific R. R. Co.....	do.....	8.60
31	Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	do.....	12.30
	Elwood Mead et al.....	Salaries.....	1,306.00
	Total third quarter.....		10,260.95
Apr. 4	Henrietta Bond.....	Salary.....	20.00
	G. N. Knapp.....	do.....	125.00
	C. E. Tait.....	Pay roll.....	841.65
	A. R. Whitson.....	Salary.....	100.00
	W. W. McLaughlin.....	do.....	102.20
	A. J. Turner.....	do.....	127.70
	J. S. Baker.....	do.....	102.20
9	Hiram Sapp.....	Rent.....	180.00
11	The American Steel and Wire Co.....	Wire rope.....	9.42
	Frank Adams.....	Traveling expenses.....	29.30
12	Gustav E. Stechert.....	Book.....	1.65
	H. A. Shepard & Co.....	Albums.....	7.50
14	W. B. Moses & Sons.....	Sections.....	6.00
	Elwood Mead.....	Traveling expenses.....	180.82
18	Fred. A. Schmidt.....	Level and tape.....	8.80
19	W. & L. E. Gurley.....	Brass tube.....	12.00
	Julien P. Friez.....	Evaporation register.....	235.00
	E. R. Morgan.....	Traveling expenses.....	142.70
	C. E. Tait.....	Expenses.....	35.45
20	The Atchison, Topeka and Santa Fe Rwy. Co.....	Passenger transportation.....	17.00
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	do.....	20.00
	Pennsylvania R. R. Co.....	do.....	17.00
21	C. E. Tait.....	Traveling expenses.....	168.13
26	Gordon H. True.....	Salary.....	100.00
27	A. J. Turner.....	Traveling expenses.....	61.85
	Samuel Fortier.....	do.....	67.70
	W. B. Gregory.....	do.....	16.50
28	Chicago and Northwestern Rwy. Co.....	Passenger transportation.....	22.14
	Illinois Central R. R. Co.....	do.....	27.40
	Morgan's Louisiana and Texas R. R. and S. S. Co.....	do.....	5.00
	Remington Typewriter Co.....	Repairs.....	13.25
30	Elwood Mead et al.....	Salaries.....	1,100.95

188 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 4	Keuffel & Esser Co.	Rod.	\$13.50
	Gatchel & Manning.	Engraving.	8.50
	The Publishers and Printers' Engraving Co.	do.	29.33
	do.	do.	21.02
6	Remington Typewriter Co.	Typewriter.	92.25
7	William P. Fletcher.	Salary.	260.00
	Alfred J. Turner.	do.	123.60
	Frank Adams.	do.	107.10
	A. R. Whitson.	do.	100.00
	C. G. Elliott.	do.	164.80
	Walter W. McLaughlin.	do.	98.90
	G. N. Knapp.	do.	125.00
	J. S. Baker.	do.	98.90
9	O. V. P. Stout et al.	Pay roll.	529.90
11	W. B. Gregory.	Salary.	150.00
13	Western Union Telegraph Co.	Telegraph service.	12.53
	Capital Traction Co.	Tickets.	3.00
	U. S. Express Co.	Transportation.	5.40
	The Maurice Joyce Engraving Co.	Engraving.	17.62
	Adams Express Co.	Transportation. ....	.60
16	Yawman & Erbe Manufacturing Co.	Copier.	40.25
	Delano & Moore.	Films.	9.60
	Andrew B. Graham.	Photo-lithographs, etc.	46.00
	Woodward & Lothrop.	Matting, etc.	18.26
	Remington Typewriter Co.	Repairs to typewriter.	8.45
	do.	do.	1.95
	Elwood Mead.	Traveling expenses.	219.50
	Alfred J. Turner.	do.	81.65
	Arthur P. Stover.	do.	19.45
	H. Culbertson.	do.	22.58
	Frank Adams.	do.	61.00
	C. E. Tait.	Salary.	131.90
18	Chicago and Northwestern Rwy. Co.	Passenger transportation.	7.84
	W. B. Gregory.	Salary.	10.00
	do.	Traveling expenses.	6.50
	Walter W. McLaughlin.	Expenses.	61.25
	Pauline Coith.	Translating.	100.00
	Chicago, Great Western Rwy. Co.	Passenger transportation.	54.25
19	Gordon H. True.	Salary.	100.00
20	William F. Bartlett.	Traveling expenses.	39.75
23	H. Culbertson.	Salary.	80.00
	C. G. Elliott.	Traveling expenses.	30.76
	C. E. Tait.	Expenses.	17.80
24	Aug. J. Bowie, jr.	Traveling expenses.	115.60
	J. Manz Engraving Co.	Engravings.	47.00
	Julien P. Friez.	Anemometer.	25.00
	Lemck & Buechner.	Periodicals.	17.50
26	Swayze, Bailey & Co.	Calendar and stand. ....	.75
	Union Pacific R. R. Co.	Passenger transportation.	52.15
	St. Louis and San Francisco R. R. Co.	do.	10.10
	Kansas City Southern Rwy. Co.	do.	11.65
	O. L. Waller.	Services.	560.00
31	Elwood Mead et al.	Salaries.	1,059.00
June 1	Clarence E. Tait et al.	do.	596.20
2	Albert E. Wright.	Salary.	93.30
	G. N. Knapp.	do.	125.00
	Walter W. McLaughlin.	do.	102.20
	James Withycombe.	do.	350.00
	John Jesse Vernon.	do.	125.00
	A. R. Whitson.	do.	100.00
	William P. Fletcher.	do.	250.00
	Gordon H. True.	do.	100.00
	W. R. Thomas.	do.	125.00
	William F. Bartlett.	do.	25.00
	E. B. Voorhees.	do.	400.00
	C. E. Tait.	do.	220.10
	John T. Stewart.	do.	69.23
	Arthur P. Stover et al.	Salaries.	395.64
	C. G. Elliott.	Salary.	170.40
3	C. L. Berger & Sons.	Meters.	271.00
	American Writing Machine Co.	Paper.	19.00
	Adams Express Co.	Transportation.	10.75
	W. & L. E. Gurley.	Buzzers, etc.	96.90
	Jared G. Smith.	Salary.	255.50
6	Woodward & Lothrop.	Matting.	45.75
8	Aug. J. Bowie, jr.	Salary.	100.00
11	J. S. Baker.	do.	102.20
	Henrietta Bond.	do.	10.00
	C. E. Tait.	Expenses.	42.53
	A. P. Stover.	Traveling expenses.	81.32

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 11	Alfred J. Turner.....	Traveling expenses.....	\$64.85
	W. W. McLaughlin.....	do.....	118.15
14	H. Culbertson.....	Salary.....	180.00
	C. G. Elliott.....	Traveling expenses.....	75.72
	Frank Adams.....	do.....	102.30
15	H. Culbertson.....	do.....	87.25
16	John T. Stewart.....	Expenses.....	7.00
	do.....	Traveling expenses.....	41.57
	Samuel Fortier.....	do.....	74.20
20	W. B. Moses & Sons.....	Unit, etc.....	6.00
	Delano & Moore.....	Plates, etc.....	25.97
	C. L. Berger & Sons.....	Repairs to meter.....	48.00
	Julien P. Friez.....	Register.....	40.00
	Julius Lansburgh.....	Couch.....	30.00
	The Publishers and Printers' Engraving Co.....	Engraving.....	45.82
	Fred. A. Schmidt.....	Level.....	4.00
	Remington Typewriter Co.....	Typewriter.....	92.25
	Western Union Telegraph Co.....	Telegraph service.....	5.16
	Yawman & Erbe Manufacturing Co.....	Desks, etc.....	208.07
	Fred. C. White.....	Demi-johns.....	10.00
21	Walter D. McLaughlin.....	Expenses.....	139.00
22	W. W. McLaughlin.....	do.....	162.96
29	Yawman & Erbe Manufacturing Co.....	Roller.....	1.50
	Felt & Tarrant Manufacturing Co.....	Two comptometers.....	300.00
	Keuffel & Esser Co.....	Telemeter rod.....	13.50
30	Elwood Mead.....	Traveling expenses.....	61.03
	Elwood Mead et al.....	Salaries.....	911.35
	Total fourth quarter.....		16,071.37
	<i>Supplemental.</i>		
July 2	Morton A. Aldrich.....	Salary.....	805.00
6	Clarence E. Tait et al.....	Salaries.....	480.50
	Arthur P. Stover et al.....	do.....	429.60
	Morton A. Aldrich.....	Salary.....	320.00
	Albert Eugene Wright.....	do.....	100.00
	W. B. Gregory.....	do.....	225.00
	Gordon H. True.....	do.....	100.00
	A. R. Whitson.....	do.....	100.00
	John Jesse Vernon.....	do.....	125.00
	W. R. Thomas.....	do.....	130.00
	Thomas C. Mead.....	do.....	25.00
	Aug. J. Bowie, jr.....	do.....	100.00
	John T. Stewart.....	do.....	98.90
	William F. Bartlett.....	do.....	25.00
	J. S. Baker.....	do.....	98.90
	William P. Fletcher.....	do.....	260.00
	Walter W. McLaughlin.....	do.....	98.90
	D. W. May.....	do.....	247.25
	G. N. Knapp.....	do.....	54.17
	H. Culbertson.....	do.....	100.00
11	C. G. Elliott.....	do.....	164.80
	H. Culbertson.....	Traveling expenses.....	100.25
	B. P. Fleming.....	do.....	11.30
	Thos. C. Mead.....	do.....	71.25
	W. W. McLaughlin.....	do.....	75.54
	Jno. T. Stewart.....	do.....	70.54
	R. P. Teele.....	do.....	85.60
	C. E. Tait.....	Expenses.....	49.62
14	do.....	do.....	3.27
	A. J. Bowie, jr.....	Traveling expenses.....	151.71
	B. P. Fleming.....	Services.....	98.90
	O. L. Waller.....	do.....	240.00
9	E. F. Curt.....	do.....	82.40
	J. G. Smith.....	do.....	247.25
15	W. B. Gregory.....	Traveling expenses.....	120.47
18	Frank Adams.....	do.....	97.83
	C. G. Elliott.....	do.....	78.57
	O. V. P. Stout.....	do.....	48.95
	A. P. Stover.....	do.....	131.85
	C. E. Tait.....	do.....	307.98
	Luther Foster.....	Report on irrigation.....	750.00
	W. B. Moses & Sons.....	Chairs.....	11.20
19	Samuel Fortier.....	Services for report.....	900.00
	C. T. Johnston.....	do.....	750.00
	Louis Pignolet.....	Ammeters.....	26.00
	Hiram Sapp.....	Rent of rooms.....	180.00
	E. J. Wickson.....	Services for report.....	300.00
20	Remington Typewriter Co.....	Repairs to typewriter.....	11.25

190 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904			
July 20	F. A. Schmidt.....	Planimeter.....	\$31.00
	A. E. Wright.....	Traveling expenses.....	93.55
	Woodward & Lothrop.....	Desks.....	55.94
23	Pennsylvania R. R. Co.....	Passenger transportation.....	8.53
30	The Chesapeake and Ohio Rwy. Co.....	do.....	19.55
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	17.50
	Illinois Central R. R. Co.....	do.....	12.11
	Union Pacific R. R. Co.....	do.....	15.40
	Oregon Short Line R. R. Co.....	do.....	5.70
	Northern Pacific Rwy. Co.....	do.....	8.70
	The Oregon R. R. and Navigation Co.....	do.....	12.05
Aug. 3	Delano & Moore.....	Films.....	8.00
17	The Bristol Co.....	Ammeter.....	67.20
18	J. S. J. Lallie.....	Register.....	45.00
25	R. P. Teele.....	Expenses.....	7.00
26	Western Union Telegraph Co.....	Telegraph service.....	2.40
Sept. 6	W. F. Bartlett.....	Salary.....	49.45
19	The Wabash R. R. Co.....	Passenger transportation.....	15.10
	The Texas and Pacific Rwy. Co.....	do.....	6.60
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	18.15
	Chicago and Alton Rwy. Co.....	do.....	7.50
	Chicago and Northwestern Rwy. Co.....	do.....	6.25
	Chicago, Rock Island and Pacific Rwy Co.....	do.....	10.70
	Oregon Short Line R. R. Co.....	do.....	15.20
	Pennsylvania R. R. Co.....	do.....	45.65
	San Antonio and Aransas Pass Rwy. Co.....	do.....	3.10
	The Missouri Pacific Rwy. Co.....	do.....	7.50
	Union Pacific R. R. Co.....	do.....	14.02
	do.....	do.....	1.50
20	Adams Express Co.....	Transportation.....	16.45
	The Geo. W. Knox Express Co.....	do.....	2.40
	Delano & Moore.....	Photo supplies.....	115.03
	Henion & Hubbell.....	Pump and hose.....	32.72
	C. P. & J. Lanson.....	Hose.....	38.40
24	W. & L. E. Gurley.....	Transit, etc.....	417.20
	Western Union Telegraph Co.....	Telegraph service.....	4.26
	Chicago, Indianapolis and Louisville Rwy. Co.....	Passenger transportation.....	17.50
	Total.....		10,344.06

RECAPITULATION.

Total first quarter.....	\$10,494.72
Total second quarter.....	12,179.35
Total third quarter.....	10,260.95
Total fourth quarter.....	16,071.37
Total supplemental.....	10,344.06
Total.....	59,350.45

PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 26	The Public Printer.....	Printing bulletins.....	\$1,848.39
Dec. 19	The Atchison, Topeka and Santa Fe Rwy. Co.....	Passenger transportation.....	40.00
1904.			
Jan. 15	The Public Printer.....	Printing bulletins.....	230.14
	Southern Pacific Co.....	Passenger transportation.....	5.40
Feb. 17	do.....	do.....	65.00
	do.....	do.....	5.90
Apr. 14	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	5.90
	do.....	do.....	7.25
	The Public Printer.....	Printing bulletins.....	368.29
June 20	Union Pacific R. R. Co.....	Passenger transportation.....	21.30
Sept. 8	The Public Printer.....	Printing bulletins.....	180.00
	Chicago and Northwestern Rwy. Co.....	Passenger transportation.....	50.00
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	10.75
	Southern Pacific Co.....	do.....	33.00
	Total.....		2,871.32

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLIC ROAD INQUIRIES.

Date.	Name.	Nature of payment.	Total.
1903.			
July 20	M. O. Eldridge.....	Traveling expenses.....	\$14.95
25	Martin Dodge.....	do.....	60.43
31	L. W. Page et al.....	Salaries.....	591.21
Aug. 4	B. P. Murray.....	Lantern slides.....	7.05
5	W. L. Spoon.....	Salary.....	100.00
	J. H. Dodge.....	do.....	100.00
	C. T. Harrison.....	do.....	100.00
	E. W. Sheets.....	do.....	78.00
	J. H. Eldridge.....	do.....	75.00
6	L. W. Page.....	Traveling expenses.....	15.40
10	J. F. Brown.....	Salary.....	192.00
	do.....	Traveling expenses.....	11.50
	R. W. Richardson.....	do.....	19.03
	do.....	Salary.....	216.00
	Bloomfield Lonstreet.....	do.....	63.00
	J. B. Killebrew.....	do.....	50.00
14	D. G. Haire.....	do.....	104.00
	J. H. Dodge.....	Traveling expenses.....	40.72
15	Underwood Typewriter Co.....	Typewriter.....	82.50
17	J. Ross Collins.....	Birlap bags.....	5.50
19	A. P. Andrew.....	Salary.....	78.00
	J. B. Killebrew.....	Traveling expenses.....	25.00
	Fred. A. Schmidt.....	Pencils.....	1.35
22	W. F. Tomlinson.....	Traveling expenses.....	16.75
31	L. W. Page et al.....	Salaries.....	645.00
Sept. 3	Martin Dodge et al.....	do.....	675.00
	W. L. Spoon.....	Salary.....	100.00
	E. W. Sheets.....	do.....	78.00
	C. T. Harrison.....	do.....	100.00
	J. H. Dodge.....	do.....	100.00
	A. P. Andrew.....	do.....	78.00
	J. H. Eldridge.....	do.....	75.00
	J. B. Killebrew.....	do.....	50.00
	M. O. Eldridge.....	do.....	149.92
9	D. G. Haire.....	do.....	104.00
	J. F. Brown.....	do.....	200.00
	Yawman & Erbe Manufacturing Co.....	Section.....	3.25
10	R. W. Richardson.....	Salary.....	208.00
	J. W. Abbott.....	do.....	208.00
	Barber & Ross.....	Brackets.....	1.70
	Delano & Moore.....	Films.....	24.00
12	Martin Dodge.....	Traveling expenses.....	254.40
16	R. W. Richardson.....	do.....	92.70
	J. W. Abbott.....	do.....	80.25
	J. H. Dodge.....	do.....	39.01
21	Densmore Typewriter Co.....	Typewriter.....	78.50
28	Chas. T. Harrison.....	Traveling expenses.....	149.73
30	Martin Dodge et al.....	Salaries.....	659.20
	L. W. Page et al.....	do.....	625.00
	Total first quarter.....		6,826.45
Oct. 2	J. H. Eldridge.....	Salary.....	75.00
	E. W. Sheets.....	do.....	75.00
5	Chas. T. Harrison.....	do.....	100.00
6	W. L. Spoon.....	do.....	100.00
	D. G. Haire.....	do.....	100.00
10	H. P. Andrew.....	do.....	78.00
	Rudolph, West & Co.....	Hardware.....	.38
	James B. Lambie.....	do.....	1.40
12	Southern Printers Supply Co.....	Electro.....	.45
	E. J. Pullman.....	Photo supplies.....	18.94
14	M. Silverberg & Co.....	Picture frames.....	10.60
	U. S. Envelope Co.....	Envelopes.....	10.30
19	James W. Abbott.....	Traveling expenses.....	116.45
	Jay F. Brown.....	do.....	16.20
	J. H. Dodge.....	do.....	32.04
	R. W. Richardson.....	Salary.....	200.00
	Jay F. Brown.....	do.....	192.00
	James W. Abbott.....	do.....	200.00
	J. H. Dodge.....	do.....	100.00
23	Joseph B. Kelleher.....	do.....	50.00
	Union Envelope Co.....	Envelopes.....	13.90
	Wm. J. Glasgow.....	Negatives.....	26.50
28	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
	The Geo. W. Knox Express Co.....	Transportation.....	1.57
31	Pennsylvania R. R. Co.....	Passenger transportation.....	18.00
	New York, New Haven and Hartford R. R. Co.....	do.....	4.60
	Martin Dodge et al.....	Salaries.....	733.56
	L. W. Page et al.....	do.....	893.26

192 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLIC ROAD INQUIRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 4	Joseph Buckner Killebrew	Salary	\$50.00
5	Jay F. Brown	do	176.00
7	J. H. Eldridge	do	75.00
9	J. H. Brigham	Traveling expenses	19.45
	R. W. Richardson	Salary	216.00
	J. H. Dodge	do	100.00
	E. W. Sheets	do	81.00
	D. G. Haire	do	84.00
	W. L. Spoon	do	100.00
	Chas. T. Harrison	do	100.00
	A. P. Andrew	do	81.00
10	James W. Abbott	do	216.00
11	M. O. Eldridge	Traveling expenses	273.01
12	Joseph Buckner Killebrew	do	66.75
16	James W. Abbott	do	123.00
	R. W. Richardson	do	34.80
17	J. H. Dodge	do	46.87
23	Yawman & Erbe Manufacturing Co.	Section	13.00
	M. O. Eldridge	Traveling expenses	14.31
	Library Bureau	Guides	1.00
30	Martin Dodge	Traveling expenses	22.75
	J. H. Eldridge	Salary	75.00
	Martin Dodge et al.	Salaries	1,569.00
Dec. 1	The Geo. W. Knox Express Co.	Transportation	2.05
4	J. B. Killebrew	Salary	50.00
	D. G. Haire	do	36.00
	W. L. Spoon	do	100.00
	Jay F. Brown	do	160.00
5	R. W. Richardson	Traveling expenses	44.65
9	A. P. Andrew	Salary	69.00
	James W. Abbott	do	192.00
14	J. H. Dodge	do	100.00
	Chas. T. Harrison	do	100.00
	R. W. Richardson	do	192.00
	A. N. Johnson	Testing machine	46.00
	E. W. Sheets	Salary	75.00
16	J. H. Eldridge	Traveling expenses	27.44
17	Cargilles Photo Stock House	Negatives, etc	11.50
18	New York Central and Hudson River R. R. Co.	Passenger transportation	21.88
19	M. O. Eldridge	Traveling expenses	50.00
	James W. Abbott	do	81.20
22	J. H. Dodge	do	48.02
28	D. G. Haire	Traveling expenses	67.88
	James B. Lambie Co.	Pulley	1.35
31	Martin Dodge et al.	Salaries	1,663.50
	Total second quarter		9,851.81
1904.			
Jan. 5	Joseph B. Killebrew	Salary	50.00
	E. W. Sheets	do	78.00
	J. H. Dodge	do	100.00
	Chas. T. Harrison	do	100.00
	W. L. Spoon	do	100.00
	Jay F. Brown	do	120.00
	James W. Abbott	do	208.00
12	R. W. Richardson	Traveling expenses	52.82
	do	Salary	208.00
	do	do	16.00
14	James W. Abbott	Traveling expenses	73.40
	A. N. Johnson	Gauge	22.00
18	Columbia National Sand Dredging Co.	Sand	1.00
	E. J. Pullman	Prints, etc	31.56
25	Baltimore and Ohio R. R. Co.	Passenger transportation	11.00
	do	do	26.35
	Pennsylvania R. R. Co.	do	9.90
	do	do	1.22
26	W. S. Moore's Sons	Iron castings	15.00
	Doremus Machine Co.	Repairs to ball mill	15.85
28	Joseph Buckner Killebrew	Traveling expenses	1,594.80
31	Martin Dodge et al.	Salaries	1,594.80
Feb. 2	Chas. T. Harrison	Salary	100.00
	W. L. Spoon	do	100.00
	M. O. Eldridge	Traveling expenses	49.98
	J. F. Brown	Salary	128.00
4	Martin Dodge	Traveling expenses	53.08
6	J. H. Dodge	do	17.69
	do	Salary	100.00
8	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
9	J. H. Osborn & Son	Stonecutting tools	1.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLIC ROAD INQUIRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 9	Barber & Ross.....	Bolts.....	\$0.20
11	Joseph Buckner Killebrew.....	Salary.....	50.00
12	E. A. Javal.....	Blowpipe.....	13.00
13	Martin Dodge.....	Traveling expenses.....	39.18
17	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	11.00
18	The Lake Shore and Michigan Southern Rwy. Co.....	.....do.....	14.57
	The Missouri Pacific Rwy. Co.....	.....do.....	8.13
23	Yawman & Erbe Manufacturing Co.....	Suspension equipments.....	2.00
	The Pullman Automatic Ventilator Co.....	Ventilators.....	15.00
	The Fairbanks Co.....	Machinery.....	4.60
24	United States Express Co.....	Transportation.....	.50
	E. J. Pullman.....	Developing.....	13.50
	James B. Lambie Co. (Incorporated).....	Blades and solder.....	1.20
27	Postal-Telegraph Cable Co.....	Telegraph service.....	3.64
	Western Union Telegraph Co.....	.....do.....	23.35
29	Martin Dodge et al.....	Salaries.....	1,501.00
Mar. 2	J. A. Holmes.....	Traveling expenses.....	37.00
	Martin Dodge.....	.....do.....	56.81
3	Joseph B. Killebrew.....	Salary.....	50.00
	W. L. Spoon.....	.....do.....	100.00
	M. Silverberg & Co.....	Frames.....	2.50
	Jay F. Brown.....	Salary.....	128.00
	Rudolph, West & Co.....	Emery cloth.....	1.20
4	J. H. Dodge.....	Salary.....	100.00
10	Chas. T. Harrison.....	.....do.....	100.00
	J. B. Killebrew.....	Traveling expenses.....	7.40
11	E. J. Pullman.....	Prints.....	17.50
12	Jay F. Brown.....	Traveling expenses.....	37.55
21	United States Envelope Co.....	Envelopes.....	31.50
22	George T. Ennis.....	Castings.....	3.88
24	E. J. Pullman.....	Prints, etc.....	24.00
	Union Envelope Co.....	Envelopes.....	13.90
	E. Morrison Paper Co.....	Bristol board.....	2.50
28	John C. Parker.....	Pencil holders.....	.50
	Pennsylvania R. R. Co.....	Passenger transportation.....	11.00
31	Martin Dodge et al.....	Salaries.....	1,610.13
	Total third quarter.....		7,427.14
Apr. 4	J. B. Killebrew.....	Salary.....	50.00
	W. L. Spoon.....	.....do.....	100.00
	J. H. Dodge.....	.....do.....	100.00
	Chas. T. Harrison.....	.....do.....	100.00
	J. A. Holmes.....	.....do.....	128.00
6	M. O. Eldridge.....	Traveling expenses.....	56.83
7	Jay F. Brown.....	Salary.....	40.00
8	F. E. Blake.....	Services.....	21.98
9	National Mortar Co.....	Cement.....	2.00
14	Adams Express Co.....	Transportation.....	4.90
18	Postal Telegraph-Cable Co.....	Telegraph service.....	1.02
19	J. H. Dodge.....	Traveling expenses.....	62.25
20	Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	Passenger transportation.....	22.20
	New York, New Haven and Hartford R. R. Co.....	.....do.....	4.50
	Pennsylvania R. R. Co.....	.....do.....	12.25
	United States Envelope Co.....	Envelopes.....	12.60
	Jay F. Brown.....	Traveling expenses.....	22.40
25	Delano & Moore.....	Scrapbooks.....	4.00
28	S. Graff Haverstick.....	Photos.....	1.50
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
30	Martin Dodge.....	Salaries.....	1,459.70
May 2	J. B. Killebrew.....	Salary.....	50.00
3	.....do.....	Traveling expenses.....	40.90
11	J. H. Dodge.....	Salary.....	100.00
	Chas. T. Harrison.....	.....do.....	100.00
	W. L. Spoon.....	.....do.....	100.00
12	M. O. Eldridge.....	Traveling expenses.....	61.45
13	Western Union Telegraph Co.....	Telegraph service.....	.65
	Barber & Ross.....	Nail puller.....	.75
	James B. Lambie Co.....	Zinc, etc.....	1.93
16	W. B. Moses & Sons.....	Chair, etc.....	10.50
	Woodward & Lothrop.....	Chairs.....	7.60
	Union Envelope Co.....	Envelopes.....	13.90
18	The Lake Shore and Michigan Southern Rwy. Co.....	Passenger transportation.....	13.00
	New York, New Haven and Hartford R. R. Co.....	.....do.....	5.00
20	Eimer & Amend.....	Scorifiers, etc.....	3.75

194 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLIC ROAD INQUIRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 24	Delano & Moore	Films	\$4.80
26	The Chesapeake and Potomac Telephone Co.	Changing telephone	.68
	New York Central and Hudson River R. R. Co.	Passenger transportation	5.83
31	M. O. Eldridge	Traveling expenses	65.10
	Martin Dodge et al.	Salaries	1,416.15
June 1	Chas. T. Harrison	Salary	100.00
	J. B. Killebrew	do	50.00
3	Adams Express Co.	Transportation	2.10
	do	do	1.55
	The Geo. W. Knox Express Co.	do	.74
	Queen & Co. (Incorporated)	Thermometer	1.20
	J. H. Dodge	Salary	100.00
	Yawman & Erbe Manufacturing Co.	Sections, etc.	46.79
	Swayze, Bailey & Co.	Paper	2.05
4	L. W. Page	Traveling expenses	19.60
6	Western Union Telegraph Co.	Telegraph service	15.26
8	W. C. Burnett	Salary	76.60
	E. C. E. Lord	do	85.20
	Jay F. Brown	do	32.00
13	J. H. Dodge	Expenses	18.45
14	Chas. T. Harrison	Traveling expenses	186.00
16	J. H. Dodge	do	28.80
18	do	do	87.28
20	Geo. F. Muth & Co.	Celluloid	.30
	National Electric Supply Co.	Motor	33.80
	Ben Einstein	Pulley	1.00
	Wm. Ramsay	Clock	8.00
	The Smith-Premier Typewriter Co.	Typewriter	87.75
	Woodward & Lothrop	Desk	28.75
	Western Union Telegraph Co.	Telegraph service	3.10
22	J. A. Holmes	Services	240.00
23	M. O. Eldridge	Traveling expenses	8.90
	do	do	26.10
30	Martin Dodge et al.	Salaries	1,434.25
	Total fourth quarter		7,064.37
	Supplemental.		
July 1	J. A. Holmes	Salary	95.00
2	W. C. Burnett	do	74.20
	E. C. E. Lord	do	82.40
5	Delano & Moore	Photo supplies	94.00
7	J. B. Killebrew	Services	50.00
	J. H. Dodge	Traveling expenses	27.10
	A. P. Andrew	Salary	24.00
	do	Traveling expenses	7.90
9	J. H. Eldridge	Expenses	1.50
	do	Traveling expenses	37.70
18	Delano & Moore	Apex album	3.19
	Z. D. Gilman	Cover glasses	.85
20	Baltimore and Ohio R. R. Co.	Passenger transportation	12.75
	M. Silverberg & Co.	Frame and mat	5.85
	Washington Post Co.	Advertisement	1.95
23	Pennsylvania R. R. Co.	Passenger transportation	6.50
26	L. W. Page	Traveling expenses	19.80
30	Chicago and Alton Rwy. Co.	Passenger transportation	2.95
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	do	16.60
	New York, New Haven and Hartford R. R. Co.	do	2.85
Aug. 1	E. W. Sheets	Traveling expenses	39.37
2	Chas. T. Harrison	do	121.70
3	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
16	Western Union Telegraph Co.	Telegraph service	1.35
17	The Chesapeake and Potomac Telephone Co.	Changing location	.....
29	The Geo. W. Knox Express Co.	Transportation	3.32
	Total		748.11

RECAPITULATION.

Total first quarter	\$6,826.45
Total second quarter	9,851.81
Total third quarter	7,427.14
Total fourth quarter	7,064.37
Total supplemental	748.11
Total	31,917.88

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLIC ROAD INQUIRIES, 1903-4.

Date.	Name.	Nature of payment.	Total.
1903.			
May 31	Martin Dodge et al.....	Salaries.....	\$552.44
June 10	J. B. Killebrew.....	Salary.....	50.00
	D. G. Haire.....	do.....	78.00
	Bloomfield Longstreet.....	do.....	78.00
23	M. O. Eldridge.....	Traveling expenses.....	29.19
25	M. Du Perow.....	Desk fan, etc.....	13.00
30	Martin Dodge.....	Salaries.....	584.95
	Total fourth quarter, 1903.....		1,385.58
1904.			
July 2	J. B. Killebrew.....	Salary.....	50.00
9	J. H. Dodge.....	do.....	100.00
13	E. J. Pullman.....	Prints, etc.....	8.08
14	M. O. Eldridge.....	Traveling expenses.....	8.85
	Martin Dodge.....	do.....	6.25
15	E. J. Pullman.....	Kodak, etc.....	47.70
20	M. O. Eldridge.....	Traveling expenses.....	6.20
	E. W. Sheets.....	Salary.....	78.00
28	Library Bureau.....	Stand.....	5.00
30	C. T. Harrison.....	Salary.....	100.00
31	Martin Dodge et al.....	Salaries.....	624.90
Aug. 15	W. B. Moses & Sons.....	Chair.....	4.75
17	Yawman & Erbe Manufacturing Co.....	File case.....	18.00
Sept. 19	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	18.80
	Total first quarter, 1904.....		1,076.03
Nov. 27	Edgar W. Sheets.....	Traveling expenses.....	42.26
Dec. 16	J. H. Eldridge.....	do.....	72.72
	Total second quarter.....		114.98
June 20	Jas. B. Lambie Co. (Incorporated).....	Belt punch.....	1.50
	The Murray Lyceum Bureau.....	Slides.....	21.70
30	J. H. Dodge.....	Salary.....	100.00
	Chas. T. Harrison.....	do.....	100.00
	Total fourth quarter.....		223.20
	Supplemental.		
July 7	Clark & Davenport.....	Linoleum.....	33.60
18	Delano & Moore.....	Photo supplies.....	69.22
19	Murray Lyceum Bureau.....	Slides.....	11.25
	The Okonite Co. (Limited).....	Electric wire.....	6.30
20	National Electric Supply Co.....	Desk fan.....	10.50
Aug. 3	M. Du Perow.....	Cord.....	2.50
	Total.....		133.37

RECAPITULATION.

Total fourth quarter, 1903.....	\$1,385.58
Total first quarter, 1904.....	1,076.03
Total second quarter, 1904.....	114.98
Total fourth quarter, 1904.....	223.20
Total supplemental.....	133.37
Total.....	2,933.16

VEGETABLE PATHOLOGICAL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 18	Chas. Schiviering.....	Photos.....	\$18.00
21	T. R. Robinson.....	Traveling expenses.....	32.50
24	Wm. Krafft.....	Drawing apparatus.....	10.80
	H. J. Webber.....	Traveling expenses.....	41.98
25	J. W. Watson.....	Wire fencing.....	41.60
	Spencer Lens Co.....	Microscope stand, etc.....	37.40
29	C. L. Shear.....	Traveling expenses.....	12.54
	W. O. Richtmann.....	do.....	16.45
	Bausch & Lomb Optical Co.....	Photo supplies.....	18.75
31	A. F. Woods et al.....	Salaries.....	4,238.17

196 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 1	N. B. Pierce.....	Salary.....	\$210.60
	P. H. Rolfs.....	do.....	168.50
	Perley Spaulding.....	do.....	80.90
	G. G. Hedgecock.....	do.....	80.90
	H. C. Henricksen.....	do.....	60.60
	M. B. Lacy.....	do.....	60.60
	Nis Nissen Lind.....	do.....	50.00
	L. A. Fitz.....	do.....	50.00
	E. G. Schollander.....	do.....	50.00
	L. H. McCullough.....	do.....	40.00
	L. E. Gallagher.....	do.....	25.81
	A. M. Soule.....	do.....	25.30
	H. K. Mooney.....	do.....	25.00
	J. E. Hite.....	do.....	25.00
3	W. T. Swingle.....	do.....	189.55
	N. M. Kelley.....	do.....	60.00
	Alfred Atkinson.....	do.....	50.00
7	C. P. Hartley.....	Traveling expenses.....	26.08
	R. E. B. McKenney.....	do.....	98.93
	Densmore Typewriter Co.....	Typewriter, etc.....	86.00
	C. R. Edmonston.....	Bougies.....	24.00
8	W. A. Orton.....	Traveling expenses.....	75.72
10	J. S. Cole.....	Salary.....	24.19
	do.....	do.....	30.97
	J. B. Evans.....	do.....	50.00
	Sylvester Balz.....	do.....	55.00
	E. A. Metcalfe.....	do.....	32.90
	F. W. Faurot.....	do.....	60.00
	Remington Typewriter Co.....	Typewriter and cover.....	92.25
12	G. T. Moore.....	Traveling expenses.....	172.22
	do.....	do.....	39.10
	M. B. Waite.....	do.....	61.57
	C. L. Shear.....	do.....	14.07
	C. O. Townsend.....	Expenses.....	20.40
	Edw. S. Schmid.....	Labels.....	3.00
	E. G. Schafer & Co.....	Valves, etc.....	2.85
	do.....	Tees, etc.....	2.10
13	W. M. Whyte.....	Tags.....	2.75
14	Densmore Typewriter Co.....	Rubber cover.....	1.00
	M. G. Copeland Co.....	Awnings.....	4.65
	S. M. Tracy.....	Salary.....	50.00
	P. H. Rolfs.....	Expenses.....	64.70
	J. B. Evans.....	Traveling expenses.....	62.80
	Perley Spaulding.....	do.....	39.41
	G. G. Hedgecock.....	do.....	76.95
	L. E. Gallagher.....	do.....	11.75
15	Edw. S. Schmid.....	Labels.....	3.00
	E. Morrison Paper Co.....	Gummed paper.....	5.00
	do.....	5,000 Matchless, No. 12.....	10.35
	National Electrical Supply Co.....	Silk cord.....	.26
	Z. D. Gilman.....	Moth balls, etc.....	7.55
17	Emil Geiner.....	Graduates.....	2.40
	Eimer & Amend.....	Beakers, etc.....	33.34
	Queen & Co.....	Dishes.....	3.59
	A. B. Seymour.....	Specimens fungi.....	38.22
	Western Electric Co.....	Electric bridge.....	22.50
	Wm. Kraft.....	Microscope, etc.....	108.45
	Christian Becker.....	Weights, etc.....	22.25
	M. B. McRae.....	Labor.....	45.00
	G. L. Yocum.....	Services.....	40.00
	Chas. Lantz & Sons.....	Microtome knives.....	20.00
	Yawman & Erbe Manufacturing Co.....	Sections.....	41.40
18	E. Morrison Paper Co.....	Tags.....	5.40
	Lamb & Tilden.....	Steel letters.....	4.50
19	C. T. Rumbold.....	Salary.....	32.75
	A. J. Meyer.....	do.....	24.19
	P. H. Rolfs.....	Traveling expenses.....	7.50
	Bausch & Lomb Optical Co.....	Bottles, etc.....	37.09
20	M. Du Perow.....	Switch.....	.65
	Thos. W. Smith.....	Wire screening.....	3.56
21	E. Morrison Paper Co.....	Tags, etc.....	15.20
	The M. Lindsay Rubber Co.....	Rubber belt.....	18.92
	W. Silas Sheetz.....	Plates.....	2.20
	Karl F. Kellerman.....	Traveling expenses.....	38.78
24	P. H. Dorsett.....	Salary.....	189.55
	H. J. Webber.....	Traveling expenses.....	8.90
	W. M. Scott.....	do.....	17.32
25	P. H. Rolfs.....	do.....	13.00
	Delano & Moore.....	Photo supplies.....	122.11
	Eimer & Amend.....	Carboy stand, etc.....	4.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 26	Hughes & Co.	Bluestone, etc.	\$10.20
	J. W. Watson	Hardware, etc.	11.88
	Stevens Bros. & Co.	Flower pots	42.33
	The H. & W. B. Drew Co.	Sections	40.50
	J. Ross Collins	Bags	26.03
	A. B. Seymour	Specimens fungi	30.00
27	A. Ziehl	File boxes	18.75
	Rudolph, West & Co.	Bolts, etc.	2.59
	W. B. Moses & Sons	Table, etc.	15.30
	The C. J. McCubbin Co.	Pipe, etc.	3.95
	E. G. Schafer & Co.	Reducers, etc.	.56
	do.	Unions, etc.	2.33
31	A. F. Woods et al.	Salaries	4 233.70
Sept. 1	Newton B. Pierce	Salary	210.60
	P. H. Rolfs	Expenses	72.83
	do.	Salary	168.50
	H. C. Henriksen	do.	60.60
	L. H. McCullough	do.	40.00
	E. G. Schollander	do.	50.00
	L. A. Fitz	do.	50.00
	J. E. Hite	do.	25.00
	C. Rumbold	do.	40.00
	J. B. Evans	do.	50.00
	E. A. Metcalfe	do.	60.00
	P. H. Dorsett	do.	189.55
	Andrew M. Soule	do.	25.30
	Alfred Atkinson	do.	50.00
	G. G. Hedgecock	do.	80.90
	J. T. Brewer	do.	84.20
	N. M. Kelley	do.	60.00
	H. K. Mooney	do.	25.00
	A. W. Edson	do.	80.90
	M. B. Lacy	do.	60.60
	F. W. Faurot	do.	60.00
	Nis Nissen Lind	do.	50.00
	L. E. Gallagher	do.	50.00
3	R. E. B. McKenney	Traveling expenses	9.15
	L. A. Fitz	Expenses	21.93
4	J. A. McDonald & Co.	Moldings, etc.	21.41
	R. S. Wilson	do.	16.80
	F. T. Budge	Screen doors, etc.	34.05
	Folmer & Schwing Manufacturing Co.	Camera, etc.	92.30
	R. Friedlander & Sohn	Dried species	19.28
	J. S. Cole	Salary	60.00
	A. L. Stone	do.	75.81
	Perley Spaulding	do.	80.90
	C. T. Rumbold	Expenses	21.65
	P. H. Rolfs	do.	35.00
	Potomac Electric Power Co.	Electric current	23.95
	Washington Gas Light Co.	Gas	8.00
9	M. L. Dean	Salary	40.00
	C. O. Rund	do.	80.00
	S. M. Tracy	do.	50.00
10	Sylvester Balz	do.	55.00
	W. A. Orton	Expenses	8.70
	L. E. Gallagher	Traveling expenses	13.25
	U. S. Envelope Co.	Envelopes	38.30
	do.	do.	42.84
	Library Bureau	Typewriter stand	5.00
	do.	Cards	37.80
	E. S. Schmid	Leaf mold	20.00
	The C. J. McCubbin Co.	Brass pipes, etc.	10.49
	J. B. Lambie	Belting	9.79
	Delano & Moore	Photo supplies	5.60
	Barber & Ross	Basin, etc.	3.07
	Wm. Ballantyne & Sons	Covers	6.75
	J. C. Parker	Files	1.50
	Queen & Co. (Incorporated)	Chemicals	.60
	Rudolph, West & Co.	Screw eyes, etc.	.40
	E. Morrison Paper Co.	Labels	.50
	do.	Tags	2.48
	Remington Typewriter Co.	Copying ribbon	5.50
	Whitall, Tatum Co.	Beakers	4.14
	Mallinckrodt Chemical Works	Chemicals	2.83
	J. Bishop & Co.	Wire	2.62
	E. G. Schafer & Co.	Valves, etc.	1.96
	M. Du Perow	Pulleys	1.04
	Henry Heil Chemical Co.	Pencils	1.00
	Hugh Reilly	Brushes	.65
11	W. R. Palmer	Experiment on tomatoes	40.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE-PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 11	G. A. Muller.....	Lead, etc.....	\$16.35
	Ernst Leitz.....	Scalpels, etc.....	12.68
	The Chicago Laboratory Supply and Scale Co.....	Set of weights, etc.....	7.52
	J. D. King.....	Cement.....	.57
	W. S. Sheetz.....	Camera, etc.....	153.60
	Densmore Typewriter Co.....	Typewriter and cover.....	79.50
	J. R. Eglehart & Sons.....	Making cases.....	37.00
	M. B. McRae.....	Carpenter work.....	20.25
	F. Carl.....	Filter pump, etc.....	16.50
	Washington Railway and Electric Co.....	Car tickets.....	5.00
	Schneider Bros.....	Thermometers.....	4.45
	Samuel Sherratt.....	Firing bougies.....	3.90
	D. N. Walford.....	Gunpowder, etc.....	2.50
	Mrs. A. A. Winfield.....	Sugar.....	1.93
12	M. B. Waite.....	Traveling expenses.....	87.17
14	W. M. Scott.....	Salary.....	134.80
	D. B. Swingle.....	Expenses.....	8.78
	C. L. Shear.....	Traveling expenses.....	75.53
16	A. H. Leidigh.....	Salary.....	19.35
	G. G. Hedgcock.....	Traveling expenses.....	123.51
	G. F. Miles.....	do.....	46.22
18	R. H. True.....	do.....	3.15
	W. M. Scott.....	do.....	57.13
21	C. O. Townsend.....	do.....	114.69
22	N. B. Pierce.....	Expenses.....	95.68
	L. A. Fitz.....	do.....	28.31
	A. W. Edson.....	Traveling expenses.....	71.95
	do.....	Expenses.....	11.65
24	Woodward & Lothrop.....	Matting, etc.....	83.76
	Emil Greiner.....	Stoppers.....	7.50
	do.....	Dishes.....	2.15
	Bausch & Lomb Optical Co.....	Supports, etc.....	41.10
	W. W. Crosier.....	Lumber.....	41.75
	Chas. Parker.....	Making print.....	8.33
	Yawman & Erbe Mfg. Co.....	Cabinet.....	7.25
	Mallinckrodt Chemical Works.....	Chemicals.....	1.00
	Rudolph, West & Co.....	Screens, etc.....	6.72
	Mrs. A. A. Winfield.....	Sugar.....	2.75
	Francis Miller.....	Light glass.....	.17
28	A. B. Farquhar & Co. (Limited).....	Thresher.....	220.35
	Hughes & Co.....	Bluestone, oil, etc.....	10.99
	S. M. Tracy.....	Traveling expenses.....	13.79
	P. H. Rolfs.....	do.....	21.25
	Alex McG. Ferguson.....	Salary.....	50.00
30	A. F. W. Woods et al.....	Salaries.....	4,128.00
	Total first quarter.....		20,936.83
Oct. 2	Henry Heil Chemical Co.....	Blowpipes, etc.....	1.15
	do.....	Beakers, etc.....	74.96
3	Delano & Moore.....	Photo supplies.....	122.13
	T. R. Robinson.....	Traveling expenses.....	43.90
5	S. M. Tracy.....	Salary.....	50.00
	Geo. F. Miles.....	do.....	60.07
6	Henry Heil Chemical Co.....	Peptone, etc.....	42.47
8	H. J. Webber.....	Traveling expenses.....	68.77
	John C. Parker.....	Eyelet machine, etc.....	1.39
9	W. M. Scott.....	Salary.....	130.40
	T. W. Raison.....	Traveling expenses.....	40.31
	C. L. Shear.....	do.....	59.33
10	Ernest Betz.....	Covering boxes.....	22.50
	Thos. Somerville & Sons.....	Boiler, etc.....	15.90
	Woodward & Lothrop.....	Map handle.....	.15
	Potomac Electric Power Co.....	Electric current.....	19.70
	Washington Gaslight Co.....	Gas.....	6.70
12	Church & Stephenson.....	Lumber.....	37.00
	E. G. Schafer & Co.....	Plumbers' supplies.....	8.07
	do.....	do.....	2.48
	The J. C. Ergood Co.....	Soap and pearline.....	3.10
	E. Morrison Paper Co.....	Tinfoil.....	5.00
	The E. F. Brooks Co.....	Covering pipes.....	15.00
	W. M. Whyte.....	Tags.....	2.75
	W. Silas Sheetz.....	Angle head.....	3.50
19	P. J. O'Gara.....	Traveling expenses.....	148.85
	Karl F. Kellerman.....	do.....	48.55
	C. O. Townsend.....	do.....	41.89
	P. H. Rolfs.....	Expenses.....	8.41
	do.....	do.....	33.75
	Thos. H. Kearney.....	Traveling expenses.....	145.70
21	Newton B. Pierce.....	Expenses.....	94.67

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 21	Mallinkrodt Chemical Works.....	Benzole.....	\$1.20
	Eimer & Amend.....	Chemicals.....	11.50
	.....do.....	Filters, etc.....	25.00
	.....do.....	Gelatin.....	22.50
	Bausch & Lomb Optical Co.....	Objective, etc.....	43.84
	.....do.....	Pipettes, etc.....	48.42
	L. A. Fitz.....	Traveling expenses.....	14.23
22	Folmer & Schwing Manufacturing Co.....	Photo stand.....	48.00
	Frank T. Budge.....	Hardware, etc.....	24.05
	H. M. Adams.....	Lumber.....	24.28
	J. H. Bunnell & Co.....	Shades.....	.42
	Whitall, Tatum & Co.....	Casseroles, etc.....	6.06
	.....do.....	Mortar, etc.....	1.21
	.....do.....	Flasks, etc.....	6.20
	Queen & Co. (Incorporated).....	Lead, etc.....	.37
	Newton B. Pierce.....	Rent.....	125.00
23	Alfred Atkinson.....	Salary.....	50.00
	J. P. Friez.....	Thermograph.....	50.00
	W. Junk.....	Books.....	38.76
	The American Distributing Co.....	Alcohol.....	29.38
	Chas. Lentz & Sons.....	Razors.....	3.25
	Charles Cooper & Co.....	Rent of cylinder.....	.88
	American Writing Machine Co.....	Bond paper.....	95.00
26	W. M. Scott.....	Traveling expenses.....	42.75
27	C. T. Rumbold.....	Expenses.....	49.12
	A. W. Edson.....	.....do.....	3.75
	.....do.....	Traveling expenses.....	41.30
	S. M. Tracy.....	.....do.....	21.73
28	Washington Gaslight Co.....	Gas.....	4.60
	Potomac Electric Power Co.....	Electric current.....	23.60
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
29	W. R. Beattie.....	Traveling expenses.....	29.65
31	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	Passenger transportation.....	8.00
	New York, New Haven and Hartford R. R. Co.....	.....do.....	42.05
	Washington-Southern Rwy. Co.....	.....do.....	3.50
	Southern Rwy. Co.....	.....do.....	56.95
	Seaboard Air Line Rwy.....	.....do.....	19.20
	A. F. Woods et al.....	Salaries.....	4,648.45
Nov. 3	Geo. F. Miles.....	Traveling expenses.....	91.70
	Jesse B. Norton.....	.....do.....	76.78
	S. M. Tracy.....	Salary.....	50.00
	J. E. Hite.....	.....do.....	25.00
	Walter Evans.....	.....do.....	33.75
	Arthur H. Leidigh.....	.....do.....	50.00
	H. K. Mooney.....	.....do.....	25.00
	A. McG. Ferguson.....	.....do.....	50.00
	P. H. Rolfs.....	.....do.....	168.50
4	P. H. Dorsett.....	.....do.....	189.55
	W. H. Fendner.....	Baskets.....	9.00
	C. O. Townsend.....	Expenses.....	31.06
5	P. H. Rolfs.....	Traveling expenses, September.....	55.20
	.....do.....	Traveling expenses, July to October.....	22.00
	A. W. Edson.....	Salary.....	80.90
	J. S. Cole.....	.....do.....	60.00
	E. B. Brown.....	Traveling expenses.....	94.75
6	C. L. Shear.....	.....do.....	68.01
	M. B. Waite.....	.....do.....	101.95
	J. B. Evans.....	.....do.....	35.50
7	Newton B. Pierce.....	Expenses.....	148.47
9	A. L. Stone.....	Salary.....	50.00
	C. O. Rund.....	.....do.....	40.00
13	W. H. Dyer.....	Lumber.....	1.00
	The J. C. Ergood Co.....	Soap powder.....	3.00
	Barber & Ross.....	Wire, etc.....	10.38
	.....do.....	Hose.....	3.00
	Church & Stephenson.....	Lumber.....	4.80
	.....do.....	.....do.....	19.10
	.....do.....	.....do.....	21.60
	Z. D. Gilman.....	Tubing, etc.....	84.77
	.....do.....	Tube supports, etc.....	5.36
	F. W. Bolgiano & Co.....	Baskets.....	4.00
	Ernest Betz.....	Stovepipe.....	1.00
	Delano & Moore.....	Photo supplies.....	10.50
14	W. B. Haimlin.....	Lumber.....	243.36
	.....do.....	.....do.....	12.91
16	F. Stilwell.....	Salary.....	60.00
18	Eimer & Amend.....	Supplies and services.....	6.45
	G. F. Miles.....	Traveling expenses.....	71.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 19	N. M. Kelley.....	Salary.....	\$60.00
	P. J. O'Gara.....	Traveling expenses.....	73.33
	A. W. Edson.....	.....do.....	50.55
	M. L. Dean.....	Salary.....	40.00
	W. M. Hays.....	.....do.....	50.50
	Sylvester Bolz.....	.....do.....	55.00
20	Frank T. Budge.....	Nails, etc.....	17.20
	J. R. Collins.....	Bags.....	10.32
21	Biscayne Lumber and Supply Co.....	Lumber, etc.....	15.25
	Mackall Bros.....	Cotton, etc.....	43.69
23	Mallinckrodt Chemical Works.....	Chemicals.....	4.65
	.....do.....	.....do.....	.92
	Henry Hell Chemical Co.....	Pipettes.....	2.50
	.....do.....	.....do.....	5.40
	J. H. Bunnell & Co.....	Lamps.....	3.24
	Whitall, Tatum Co.....	Pipettes, etc.....	14.12
	.....do.....	Bottles, etc.....	39.97
	.....do.....	Bottles.....	3.75
	.....do.....	Laboratory supplies.....	2.38
	.....do.....	Casseroles, etc.....	1.76
	Yawman & Erbe Manufacturing Co.....	Sections, etc.....	42.00
	Wm. Kraft.....	Micrometers.....	5.63
	Walter A. Keenan.....	Labor and team.....	30.00
	L. A. Fitz.....	Expenses.....	17.17
	Bausch & Lomb Optical Co.....	Triplets, etc.....	19.22
24	Galveston, Harrisburg and San Antonio Rwy. Co.....	Passenger transportation.....	6.00
	.....do.....	.....do.....	7.20
25	W. A. Orton.....	Traveling expenses.....	5.93
	C. L. Shear.....	.....do.....	34.50
	C. O. Townsend.....	.....do.....	14.96
27	W. A. Orton.....	.....do.....	40.50
	.....do.....	.....do.....	175.55
	.....do.....	.....do.....	204.50
	Thos. H. Kearney.....	Salary.....	50.00
	Thos. S. Hunt.....	Traveling expenses.....	239.28
	Erwin F. Smith.....	.....do.....	67.31
	Chas. P. Hartley.....	.....do.....	53.40
	G. G. Hedgecock.....	Expenses.....	64.00
30	M. A. Carleton.....	Salaries.....	4,452.99
	A. F. Woods et al.....	Meal.....	1.60
Dec. 1	F. W. Bolgiano & Co.....	Tube, etc.....	2.32
	M. Du Perow.....	Tags.....	2.13
	Thos. R. Riley.....	Varnish, etc.....	20.78
	Geo. F. Muth & Co.....	Paints, etc.....	9.76
	.....do.....	Glass cutter.....	15.74
	.....do.....	Slides.....	3.11
	Z. D. Gilman.....	Crucibles, etc.....	.66
	Lamb & Tilden.....	Sign marker.....	5.50
	Potomac Electric Power Co.....	Electric current.....	17.12
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	.10
	W. H. May & Son.....	Plowshares, etc.....	36.03
	F. P. May & Co.....	Traps.....	.30
	Francis Miller.....	Glass.....	14.34
	Delano & Moore.....	Plates, etc.....	8.52
	Wm. Ballantyne & Son.....	Bags.....	13.75
	Edw. S. Schmid.....	Thermometers.....	7.50
	.....do.....	Labels.....	2.50
	Woodward & Lothrop.....	Tubs, etc.....	3.62
	.....do.....	Brushes.....	.65
	M. B. Waite.....	Traveling expenses.....	26.80
	E. Morrison Paper Co.....	Cover paper.....	.36
	.....do.....	Paper.....	10.00
	Rudolph, West & Co.....	Lock, etc.....	5.24
	.....do.....	Hinges, etc.....	6.37
	W. B. Moses & Sons.....	Chair and shades.....	8.65
	.....do.....	Bookcase, etc.....	22.38
	James B. Lambie Co. (Incorporated).....	Glue.....	1.25
	.....do.....	Hardware.....	5.80
	.....do.....	Wire, etc.....	10.78
	.....do.....	Traps.....	.60
	.....do.....	.....do.....	.60
	.....do.....	Tongs and pick.....	2.70
	Washington Gaslight Co.....	Gas.....	6.50
	Thos. Somerville & Sons.....	Pipe.....	2.45
	.....do.....	.....do.....	1.61
	.....do.....	.....do.....	.41
	Delano & Moore.....	Photo supplies.....	24.83
	E. G. Schafer & Co.....	Elbows, etc.....	.48
	.....do.....	Valve, etc.....	2.05

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 1	E. G. Schafer & Co.	Gauge, etc.	\$2.40
	do.	Solder, etc.	7.37
	do.	Ells.	.82
2	H. J. Webber.	Traveling expenses.	136.82
	Frank J. Cullen.	Lantern slides.	11.90
	The Fred. Macey Co. (Limited)	Report section.	14.00
	Robert Gair Co.	Bags.	3.41
	Library Bureau.	Cases and cards.	34.75
	J. M. Thorburn & Co.	Seeds.	1.91
	Peter Henderson & Co.	do.	2.25
	Henry A. Dreer (Incorporated).	do.	1.60
	Library Bureau.	Cases, etc.	22.75
	Whitall, Tatum Co.	Glass spoons.	1.00
	W. Silas Sheets.	Tripod head.	3.00
	American Supply Co.	Bars, etc.	5.95
	J. Baumgarten & Sons.	Daters.	10.80
	M. G. Copeland Co.	Flag.	3.41
	W. H. Dyer.	Desk table.	35.00
	A. Zichtl.	Making boxes.	15.00
	H. O. Gosorn.	Telephone holder.	2.50
	Bausch & Lomb Optical Co.	Chemicals.	3.65
	Eimer & Amend.	Liquefied gas.	7.37
	Geo. D. Feidt.	Laboratory supplies.	17.20
	do.	Carrageen.	.27
	A. D. Mebane.	Cultivating cotton.	25.00
	do.	do.	5.00
	T. S. Williams.	Cultivating peas.	28.00
3	Walter Keenan.	Services.	10.00
	James Douglas.	Photo supplies.	11.60
	Folmer & Schwing Manufacturing Co.	do.	9.72
	E. L. Rivers.	Raising cotton.	60.00
4	S. M. Tracy.	Salary.	50.00
	do.	Traveling expenses.	57.17
	L. A. Fitz.	Salary.	50.00
	Geo. T. Moore.	do.	224.20
	Newton B. Pierce.	do.	203.80
	L. H. McCullough.	do.	40.00
	P. H. Rolfs.	do.	163.00
	B. M. Duggar.	Expenses.	75.52
	A. W. Edson.	Salary.	78.20
	G. G. Hedgecock.	do.	78.20
	F. Stilwell.	do.	60.00
	E. A. Metcalfe.	do.	60.00
	F. W. Faurot.	do.	60.00
	M. B. Lacy.	do.	58.80
	H. C. Henriksen.	do.	58.80
	N. M. Kelley.	do.	50.00
	E. G. Schollander.	do.	50.00
	J. B. Evans.	do.	50.00
	Thomas S. Hunt.	do.	50.00
	Nis Nissen Lind.	do.	50.00
	A. McG. Ferguson.	do.	50.00
	Walter Evans.	do.	31.25
	J. E. Hite.	do.	25.00
	H. K. Mooney.	do.	25.00
	A. M. Soule.	do.	24.40
5	A. H. Leidigh.	do.	50.00
8	J. S. Cole.	do.	60.00
	A. L. Stone.	do.	50.00
	M. L. Dean.	do.	40.00
	C. O. Rund.	do.	40.00
	Baltimore and Ohio R. R. Co.	Passenger transportation.	45.82
	Union Pacific R. R. Co.	do.	22.85
	Washington Southern Rwy. Co.	do.	22.65
	do.	do.	12.80
	do.	do.	12.80
	do.	do.	6.85
	Central of Georgia Rwy. Co.	do.	6.75
	do.	do.	9.28
	do.	do.	21.80
	Atlantic Coast Line R. R. Co.	do.	9.25
	do.	do.	12.20
	do.	do.	6.20
	Seaboard Air Line Rwy.	do.	6.85
	The Yazoo and Mississippi Valley R. R. Co.	do.	2.05
	Boston and Maine R. R.	do.	2.23
	Burlington and Missouri River R. R. in Nebraska.	do.	5.10
	Southern Rwy. Co.	do.	3.86
	do.	do.	19.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 8	Southern Rwy. Co.....	Passenger transportation.....	\$7.00
	do.....	do.....	22.65
	do.....	do.....	26.05
	do.....	do.....	54.00
	do.....	do.....	33.35
	The Chesapeake and Ohio Rwy. Co.....	do.....	12.50
	do.....	do.....	60.00
	Baltimore and Ohio R. R. Co.....	do.....	23.50
	Southern Rwy. Co.....	do.....	14.55
	do.....	do.....	48.40
	The Colorado and Southern Rwy. Co.....	do.....	3.70
	San Antonio and Aransas Pass Rwy. Co.....	do.....	5.85
	Central R. R. Co. of New York.....	do.....	6.50
	The Lake Shore and Michigan Southern Rwy. Co.....	do.....	7.15
	International and Great Northern R. R. Co.....	do.....	12.70
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	49.00
	Michigan Central R. R. Co.....	do.....	14.25
	Washington Southern Rwy. Co.....	do.....	14.55
9	P. H. Dorsett.....	Salary.....	183.40
10	P. H. Rolfs.....	Expenses.....	15.52
	Chas. P. Hartley.....	do.....	73.95
	Henry A. Miller.....	Traveling expenses.....	26.90
	D. C. Robinett.....	Cultivating cotton.....	53.35
	Thos. H. Kearney.....	Traveling expenses.....	12.65
11	The Geo. W. Knox Express Co.....	Transportation.....	.70
	do.....	do.....	3.75
	Blue Line Transfer Co.....	do.....	10.25
12	P. H. Rolfs.....	Expenses.....	36.44
14	J. Bishop & Co.....	Platinum dish, etc.....	114.95
	Cambridge Botanical Supply Co.....	Locks, etc.....	9.46
15	S. M. Tracy.....	Traveling expenses.....	7.94
	W. A. Kellerman.....	Salary.....	50.00
	A. W. Edson.....	Traveling expenses.....	61.65
	do.....	do.....	84.55
	Perley Spaulding.....	do.....	59.72
	do.....	Salary.....	78.20
16	Cambridge Botanical Supply Co.....	Paper.....	8.42
17	Rudolph, West & Co.....	Nails, etc.....	2.82
	Eimer & Amend.....	Mortar, etc.....	6.70
	W. Junk.....	Book.....	4.15
18	Grand Trunk Rwy. Co.....	Passenger transportation.....	15.25
	Pecos Valley and Northeastern Rwy. Co.....	do.....	5.35
	Cincinnati and Muskingum Valley R. R. Co.....	do.....	11.40
	Denver and Rio Grande R. R. Co.....	do.....	26.65
	International and Great Northern R. R. Co.....	do.....	8.70
	Michigan Central R. R. Co.....	do.....	16.88
	The Lake Shore and Michigan Southern Rwy. Co.....	do.....	5.20
	Louisville and Nashville R. R. Co.....	do.....	6.33
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	8.35
	The Chesapeake and Ohio Rwy. Co.....	do.....	19.50
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	50.65
	The Chicago, Burlington and Quincy Rwy. Co.....	do.....	14.40
	Houston and Texas Central R. R. Co.....	do.....	11.40
	Galveston, Harrisburg and San Antonio Rwy. Co.....	do.....	16.50
	Oregon Short Line R. R. Co.....	do.....	3.80
	do.....	do.....	28.35
	New York Central and Hudson River R. R. Co.....	do.....	26.58
	The Oregon R. R. and Navigation Co.....	do.....	44.80
19	F. W. Patterson.....	Traveling expenses.....	20.00
	Ernest Betz.....	Repairs.....	4.00
	Church & Stephenson.....	Lumber.....	17.13
	do.....	do.....	.50
	do.....	do.....	77.08
	L. A. Fitz.....	Traveling expenses.....	4.05
	Sallie E. Miller.....	Salary.....	22.83
	C. T. Rumbold.....	do.....	27.39
	Geo. T. Moore.....	do.....	112.09
21	Barber & Ross.....	Knives, etc.....	9.50
	M. Du Perow.....	Tube, etc.....	2.68
	Thomas R. Dillon.....	Cultivating cotton.....	25.00
	W. A. Clark.....	do.....	22.40
	P. H. Rolfs.....	Traveling expenses.....	53.53
	Geo. D. Feidt & Co.....	Castor oil, etc.....	1.69
	Eimer & Amend.....	Weights.....	12.80
22	P. A. Clark.....	Painting.....	7.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 23	A. D. Shamel.....	Traveling expenses.....	\$148.78
26	Leidy S. Depue.....	Salt.....	.80
26	Wm. Krafft.....	Microscope, etc.....	183.70
29	J. A. McDonald.....	Shingles, etc.....	10.30
	Keuffel & Esser Co.....	Scales, etc.....	9.60
	U. S. Envelope Co.....	Envelopes.....	13.16
	Henry Heil Chemical Co.....	Benzoic acid.....	3.10
	Frank T. Budge.....	Repairs.....	24.65
	Queen & Co. (Incorporated).....	Dishes.....	15.96
	Mallinckrodt Chemical Works.....	Chemicals.....	1.02
	.....do.....	do.....	2.90
	R. Carter Ballantyne.....	Ledger paper.....	4.75
30	M. A. Carleton.....	Expenses.....	27.48
31	A. F. Woods et al.....	Salaries.....	4,566.76
	Total second quarter.....		25,243.53
1904.			
Jan. 2	A. W. Edson.....	Salary.....	80.90
5	Chas. P. Hartley.....	Expenses.....	15.45
	P. H. Dorsett.....	Salary.....	189.55
	G. G. Hedgcock.....	do.....	80.90
	P. H. Rolfs.....	do.....	168.50
	M. B. Lacy.....	do.....	60.60
	H. C. Henriksen.....	do.....	60.60
	F. W. Faurot.....	Traveling expenses.....	7.00
	.....do.....	Salary.....	60.00
	F. Stilwell.....	do.....	60.00
	J. S. Cole.....	do.....	60.00
	Newton B. Pierce.....	do.....	210.60
	M. L. Dean.....	do.....	30.97
	L. H. McCullough.....	do.....	40.00
	E. G. Schollander.....	do.....	50.00
	A. H. Leidigh.....	do.....	50.00
	L. A. Fitz.....	do.....	50.00
	J. B. Evans.....	do.....	50.00
	Nis Nissen Lind.....	do.....	50.00
	N. M. Kelley.....	do.....	56.13
	E. A. Metcalfe.....	do.....	60.00
	Perley Spaulding.....	do.....	23.48
	H. K. Mooney.....	do.....	25.00
	J. E. Hite.....	do.....	25.00
	A. M. Soule.....	do.....	25.30
	Walter Evans.....	do.....	33.75
	C. T. Rumbold.....	Expenses.....	4.65
	.....do.....	do.....	35.25
	.....do.....	do.....	40.00
6	Herman von Schrenk.....	do.....	100.39
	.....do.....	do.....	25.28
	B. M. Duggar.....	Traveling expenses.....	68.04
7	Washington Gaslight Co.....	Gas.....	7.80
	Potomac Electric Power Co.....	Electric current.....	23.13
	E. G. Schafer & Co.....	Valves, etc.....	4.46
	.....do.....	Packing, etc.....	3.01
	.....do.....	Elbows.....	2.18
	James B. Lambie Co. (Incorporated).....	Felt strip, etc.....	30.35
	Woodward & Lothrop.....	Desk.....	2.50
	James B. Lambie Co. (Incorporated).....	Wire gauze.....	197.06
	Mackall Bros.....	Flasks, etc.....	50.28
	Thos. Somerville & Sons.....	Pipe, etc.....	10.00
8	W. T. Galliher & Bro.....	Doors.....	3.10
	Giddings & Steele.....	Rug.....	9.00
	A. Zichtl.....	Board covers.....	15.00
	.....do.....	Boxes.....	20.21
12	Z. D. Gilman.....	Cases.....	28.54
	Delano & Moore.....	Photo supplies.....	17.96
	John C. Parker.....	Punches, etc.....	6.50
	C. F. Wheeler.....	Traveling expenses.....	1.50
	James S. Topham.....	Repairing trunk.....	8.50
	.....do.....	Leather bag.....	150.00
14	Alex. Carlyle.....	Salary.....	40.00
	C. O. Rund.....	do.....	6.00
	R. A. Moore.....	Services.....	50.00
	A. L. Stone.....	Salary.....	50.00
	S. M. Tracy.....	do.....	99.50
	W. M. Hays.....	do.....	19.20
	Erker Bros. Optical Co.....	Photo supplies.....	29.00
	.....do.....	do.....	25.00
	J. M. Styers.....	Cultivating cotton.....	15.00
	Yawman & Erbe Manufacturing Co.....	Cards.....	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 14	Library Bureau.....	Stand and case.....	\$14.50
	.....do.....	Dictionary holder.....	5 00
	Newton B. Pierce.....	Expenses.....	125.00
	C. T. Rumbold.....	.....do.....	21.28
16	Isidor Keller.....	Rent.....	33.00
	Buxton & Skinner Stationery Co.....	Stationery supplies.....	11.65
	Erker Bros. Optical Co.....	Photo.....	48.35
	A. M. Beckers Lumber Co.....	Lumber.....	33.90
	Wilnot Castle Co.....	Repairs to sterilizer.....	4.60
	J. E. Whiteselle.....	Cultivating cotton.....	25.00
	Stark Bros. Nurseries and Orchard Co.....	Labor.....	11.57
	E. S. Peters.....	Cultivating cotton.....	68.75
	J. S. Merrell Drug Co.....	Chemicals.....	16.02
	Library Bureau.....	Cases.....	24.00
	W. A. Kellerman.....	Index.....	1.00
	Lester Granger.....	Horse hire, etc.....	22.85
	The Foulds Milling Co.....	Macaroni.....	1.20
	Eugene C. Foster.....	Oxygen gas.....	2.43
	Perley Spaulding.....	Traveling expenses.....	20.35
	C. T. Rumbold.....	Expenses.....	25.92
	G. G. Hedgcock.....	Traveling expenses.....	28.60
	T. S. Hunt.....	Salary.....	50.00
	L. A. Fitz.....	Expenses.....	59.67
	P. J. O'Gara.....	Traveling expenses.....	77.71
	Agnes Quirk.....	Expenses.....	8.61
	C. L. Shear.....	Traveling expenses.....	10.75
	Thos. H. Kearney.....	.....do.....	7.79
18	Mackall Bros.....	Laboratory supplies.....	97.48
	M. Du Perow.....	Electrical supplies.....	6.10
	The J. C. Ergood Co.....	Cleaning compound.....	1.80
	Bausch & Lomb Optical Co.....	Tubes, etc.....	4.31
	Henry Heil Chemical Co.....	Dishes.....	30.75
19	Arthur H. Thomas Co.....	Scalpels, etc.....	6.17
	Queen & Co. (Incorporated).....	Tubes.....	14.40
20	H. J. Webber.....	Traveling expenses.....	11.25
21	A. D. Shamel.....	Expenses.....	93.06
22	Newton B. Pierce.....	.....do.....	246.08
	.....do.....	.....do.....	35.53
	.....do.....	Traveling expenses.....	64.95
	De Camp Fuel Co.....	Coal and wood.....	17.30
	A. D. Shamel.....	Traveling expenses.....	36.44
25	The Yazoo and Mississippi Valley R. R. Co.....	Passenger transportation.....	2.05
	New York, New Haven and Hartford R. R. Co.....	.....do.....	5.00
	.....do.....	.....do.....	29.30
	.....do.....	.....do.....	15.50
	Southern Rwy. Co.....	.....do.....	17.50
	.....do.....	.....do.....	15.95
	Southern Pacific Co.....	.....do.....	12.40
	Burlington, Missouri R. R. in Nebraska.....	.....do.....	31.65
	The Missouri Pacific Rwy. Co.....	.....do.....	7.50
	Norfolk and Western Rwy. Co.....	.....do.....	3.85
	New York Central and Hudson River R. R. Co.....	.....do.....	23.64
	.....do.....	.....do.....	13.26
	New York, Philadelphia and Norfolk R. R. Co.....	.....do.....	8.30
	Georgia Southern and Florida Rwy.....	.....do.....	6.36
	Macon and Birmingham Rwy. Co.....	.....do.....	13.05
	Illinois Central R. R. Co.....	.....do.....	13.70
	Missouri, Kansas and Texas Rwy. Co.....	.....do.....	37.30
	.....do.....	.....do.....	24.75
	Gulf, Colorado and Santa Fe Rwy. Co.....	.....do.....	17.10
	Chicago and Northwestern Rwy. Co.....	.....do.....	19.79
	Cleveland, Cincinnati and St. Louis Rwy.....	.....do.....	19.00
	Pennsylvania R. R. Co.....	.....do.....	74.40
	.....do.....	.....do.....	17.50
	.....do.....	.....do.....	6.50
	.....do.....	.....do.....	110.00
	.....do.....	.....do.....	58.70
	.....do.....	.....do.....	50.50
	A. W. Edson.....	Expenses.....	7.95
	J. & J. Basset.....	Making panels.....	11.45
	Keasbey & Mattison Co.....	Covering boiler.....	92.15
	U. S. Envelope Co.....	Envelopes.....	14.10
26	A. Zichtl.....	Boxes.....	2.10
	Delano & Moore.....	Plates, etc.....	41.60
	Woodward & Lothrop.....	Furniture, etc.....	65.25
	E. C. Dodge.....	Labor.....	21.60
	J. T. Thompson.....	Making case, etc.....	46.80
	W. A. McQuie.....	Rent land.....	25.00
	J. F. Bannon & Co.....	Making sterilizer.....	17.75
	.....do.....	.....do.....	28.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 26	E. Bowers	Lumber	\$37.80
	A. C. Bowers	do	20.53
	Neustadt & Co.	Flour and cartage	16.69
	Whitall, Tatum Co.	Bottles, etc.	17.63
	Mallinckrodt Chemical Works	Benzole .....	.25
	The Fred. Macey Co. (Limited)	File section, etc.	39.00
27	Barber & Ross	Hone, etc.	3.50
	Z. D. Gilman	Tubing	2.64
	Remington Typewriter Co.	Ribbons .....	.55
	Geo. F. Muth & Co.	Bronze, etc.	1.10
	Adams Express Co.	Transportation	80.98
	Potomac Electric Power Co.	Electric current	25.62
	do	do .....	.30
29	E. G. Schafer & Co.	Valve	1.42
31	A. F. Woods et al.	Salaries	4,818.53
Feb. 1	Geo. T. Moore	Salary	353.77
	A. H. Leidigh	do	50.00
	L. A. Fitz	do	50.00
	F. W. Faurot	do	60.00
	J. B. Evans	do	50.00
	A. W. Edson	do	81.80
2	F. Stilwell	do	60.00
	Perley Spaulding	do	65.93
	E. G. Schollander	do	50.00
	C. T. Rumbold	do	40.00
	P. H. Rolfs	do	170.30
	Newton B. Pierce	do	212.90
	E. A. Metcalfe	do	60.00
	L. H. McCullough	do	40.00
	Nis Nissen Lind	do	50.00
	M. B. Lacy	do	61.30
	Byron Hunter	do	43.48
	H. C. Henriksen	do	61.30
	Thos. S. Hunt	do	50.00
	G. G. Hedgcock	do	81.80
	A. McG. Ferguson	do	160.00
	Walter Evans	do	32.50
	Erwin F. Smith	Traveling expenses	6.75
3	Washington Gaslight Co.	Gas	10.90
	Thos. Somerville & Sons	Pipe, etc.	4.41
	E. G. Schafer & Co.	Plumbers' materials	1.35
	Rudolph, West & Co.	Hinges, etc.	3.15
	E. Morrison Paper Co.	Paper	6.72
	James B. Lambie Co. (Incorporated)	Hinges, etc.	1.68
	Z. D. Gilman	Moth balls, etc.	2.20
	Frank J. Cullen	Slides	24.50
	Church & Stephenson	Lumber	27.15
	The Chesapeake and Potomac Telephone Co.	Telephone service .....	.20
4	P. H. Rolfs	Expenses	6.88
	N. M. Kelley	Salary	46.45
	P. H. Dorsett	do	92.72
6	A. Y. Greer	Rent, land and water	37.50
	F. G. Tracy	Cultivating cotton	50.00
	A. L. Stone	Salary	50.00
	H. K. Mooney	do	25.00
	P. H. Rolfs	Traveling expenses	74.50
	Byron Hunter	Salary	85.20
	A. M. Soule	do	25.50
	C. L. Davis	do	25.00
8	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
9	Herman von Schrenk	Expenses	324.62
	Francis Miller	Glass	5.20
	Washington Gaslight Co.	Gas	10.90
11	J. S. Cole	Salary	60.00
	W. M. Hays	do	50.00
	S. M. Tracy	do	50.00
12	Queen & Co. (Incorporated)	Chemicals	2.10
	Compton Heights Plumbing Co.	Fittings	46.44
	Merck & Co.	Chemicals	3.54
	T. V. Munson	Grape cuttings	9.00
	J. M. Thorburn & Co.	Seed	2.09
	J. C. Temmerberg	Supplies for greenhouse	15.95
	Frank T. Budge	Buckets, etc.	10.59
	A. C. Bowers	Lumber	43.07
	E. Bowers	do	39.52
	Laura de Shon Mackie	Clerical assistance	19.25
	L. W. Holt	Growing cotton	50.00
	Henry Heil Chemical Co.	Beakers	4.95
	Whitall, Tatum & Co.	Burette clamps	2.00
	Yawman & Erbe Manufacturing Co.	Card cabinets	119.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 13	L. C. Corbett.....	Traveling expenses.....	\$39.50
	Chas P. Hartley.....	do.....	54.13
	C. L. Shear.....	do.....	14.82
	S. M. Tracy.....	do.....	20.45
	G. G. Hedgcock.....	Traveling expenses.....	34.30
17	C. O. Rund.....	Salary.....	40.00
	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	91.50
18	The Texas and Pacific Rwy. Co.....	do.....	12.60
	do.....	do.....	12.80
	Louisville and Nashville R. R. Co.....	do.....	12.83
	Atlantic Coast Line R. R. Co.....	do.....	34.07
	do.....	do.....	15.73
	Central of Georgia Rwy. Co.....	do.....	7.25
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	do.....	17.50
	Atlantic Coast Line R. R. Co.....	do.....	2.93
	do.....	do.....	20.96
	Florida East Coast Rwy.....	do.....	33.65
	Pennsylvania R. R. Co.....	do.....	40.00
19	W. T. Swingle.....	Apparatus.....	10.00
20	W. M. Scott.....	Traveling expenses.....	17.25
23	Youngers & Co.....	Apple seedlings.....	44.00
	do.....	do.....	38.50
	Scott & Wolff Painting Co.....	Painting woodwork.....	24.90
	Montgomery Ward & Co.....	Pipe vise, etc.....	12.08
	Laura de Shon Mackie.....	Services.....	21.00
	do.....	do.....	21.00
	Merck & Co.....	Creosote.....	.95
	do.....	Chemicals.....	9.78
	Mallinckrodt Chemical Works.....	Potassium.....	.85
	Wm. Kraft.....	Oil.....	4.20
	Hughes & Co.....	Soap, etc.....	11.73
	The S. B. Hubbard Co.....	Pipe, etc.....	10.54
	Henry Heil Chemical Co.....	Desiccators.....	5.00
	Emil Greiner.....	Flasks.....	5.19
	Erker Bros. Optical Co.....	Photo supplies.....	22.55
	Eimer & Amend.....	Apparatus.....	32.40
	do.....	Burettes.....	7.40
	The H. & W. B. Drew Co.....	Stand, units, etc.....	47.70
	H. C. Davison & Co.....	Copying books.....	14.62
	Compton Heights Plumbing Co.....	Plumbing.....	30.00
	J. J. Cavagnaro.....	Press.....	35.00
	A. M. Beckers Lumber Co.....	Lumber.....	31.52
	The Amour Fertilizer Works.....	Fertilizer.....	45.81
	P. H. Rolfs.....	Expenses.....	37.23
24	Potomac Electric Power Co.....	Electric current.....	27.16
	do.....	do.....	14
	W. B. Moses & Sons.....	Shades.....	1.50
	Mineralized Rubber Co.....	Hose.....	4.63
	E. Morrison Paper Co.....	Gummed paper.....	6.00
	James B. Lambie Co. (Incorporated).....	Screws, etc.....	2.65
	The Geo. W. Knox Express Co.....	Transportation.....	.50
	Thos. Somerville & Sons.....	Disks, etc.....	2.68
	Thos. R. Riley.....	Lumber.....	.47
	Remington Typewriter Co.....	Ribbons.....	2.75
	Hugh Reilly.....	Brush.....	.20
	Fred A. Schmidt.....	Boxwood rule, etc.....	3.30
	Edw. S. Schmid.....	Labels.....	6.00
	Standard Oil Co.....	Oil.....	3.50
	do.....	Gasoline.....	11.06
	do.....	do.....	14.04
	F. M. Garner.....	Making curtains.....	.40
	Chas. R. Edmonston.....	Brushes and jars.....	.73
	Ernest Betz.....	Herbarium boxes.....	5.50
	Clark & Davenport.....	Carpet.....	32.96
	Daniel D. Coudon.....	Radiator.....	6.50
	A. Zichtl.....	Pamphlet cases.....	4.00
	do.....	do.....	15.00
	H. C. Henriksen.....	Salary.....	33.63
26	L. C. Corbett.....	Traveling expenses.....	27.85
27	Western Union Telegraph Co.....	Telegraph service.....	14.51
29	A. F. Woods et al.....	Salaries.....	4,576.10
Mar. 2	S. M. Tracy.....	Salary.....	18.97
	F. Stilwell.....	do.....	60.00
	Perley Spaulding.....	do.....	76.40
	A. M. Soule.....	do.....	24.00
	E. G. Schollander.....	do.....	50.00
	C. T. Rumbold.....	do.....	38.20
	H. K. Mooney.....	do.....	25.00
	G. F. Miles.....	do.....	*76.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 2	E. A. Metcalfe.....	Salary.....	\$60.00
	Alexander McG. Ferguson.....	do.....	50.00
	L. H. McCullough.....	do.....	40.00
	Nis Nissen Lind.....	do.....	50.00
	A. H. Leidigh.....	do.....	50.00
	M. B. Lacy.....	do.....	57.40
	N. M. Kelley.....	do.....	10.34
	G. G. Hedgcock.....	do.....	76.40
	L. A. Fitz.....	do.....	50.00
	F. W. Faurot.....	do.....	60.00
	Walter Evans.....	do.....	31.25
	J. B. Evans.....	do.....	50.00
	C. L. Davis.....	do.....	25.00
	J. S. Cole.....	do.....	60.00
	P. H. Rolfs.....	do.....	159.40
	do.....	Traveling expenses.....	44.00
3	E. Morrison Paper Co.....	Labels.....	1.75
	W. B. Moses & Sons.....	Mirrors, etc.....	20.49
	J. B. Wight.....	Pecan trees.....	9.45
	do.....	Cultivating cotton.....	9.19
	Rudolph, West & Co.....	Brushes, etc.....	7.54
	Church & Stephenson.....	Lumber.....	18.00
	Delano & Moore.....	Photo supplies.....	40.64
	do.....	Drawing board.....	12.00
	Z. D. Gilman.....	Vials, etc.....	69.02
	The Geo. W. Knox Express Co.....	Transportation.....	1.29
4	C. O. Townsend.....	Expenses.....	35.14
	Theo. Bechtel.....	Pecans.....	5.20
	Alexander Seed Co.....	Seeds.....	1.11
	Newton B. Pierce.....	Salary.....	199.20
	Bausch & Lomb Optical Co.....	Balance, etc.....	42.23
	do.....	Scalpels.....	21.42
	Eimer & Amend.....	Agar flour.....	22.50
	Geo. D. Feidt & Co.....	Chemicals.....	17.52
	Johnson & Stokes.....	Seeds.....	2.50
	Henry Heil Chemical Co.....	Pipettes, etc.....	3.65
	Amzi Godden Co.....	Seeds.....	1.80
	Grimes, Stassforth Stationery Co.....	Mimeograph, etc.....	18.70
5	Whitall-Tatum Co.....	Glasses and flasks.....	38.24
	do.....	Jars.....	2.70
	United States Envelope Co.....	Envelopes.....	2.80
	do.....	do.....	8.10
	Arthur H. Thomas Co.....	Beakers, etc.....	149.99
	do.....	Baskets, etc.....	25.26
	J. H. Taws.....	Photo prints.....	7.33
	C. H. Stoelting Co.....	Laboratory supplies.....	18.75
	D. L. Pierson.....	Pecan trees.....	4.50
	C. Montgomery.....	Ice and distilled water.....	13.60
	W. W. Crosier.....	Sash for hotbeds.....	45.00
	Merek & Co.....	Zinc iodide.....	1.60
	do.....	Copper.....	2.67
	Library Bureau.....	Case.....	15.00
	do.....	Cases, etc.....	24.43
	James Rennie.....	Cuttings.....	46.00
	Oswald Weigel.....	Specimens.....	37.00
	The Missouri Pacific Rwy. Co.....	Passenger transportation.....	14.80
11	C. L. Alexander.....	Salary.....	60.64
	T. S. Hunt.....	do.....	50.00
	S. M. Tracy.....	Traveling expenses.....	24.35
	C. O. Rund.....	Salary.....	40.00
	A. L. Stone.....	do.....	50.00
	Perley Spaulding.....	Traveling expenses.....	49.95
	Herman von Schrenk.....	Expenses.....	41.01
	Postal Telegraph Cable Co.....	Telegraph service.....	1.01
12	W. M. Hays.....	Salary.....	47.80
17	Atlantic Coast Line R. R. Co.....	Passenger transportation.....	7.25
	do.....	do.....	25.25
	Baltimore and Ohio R. R. Co.....	do.....	6.50
	Central R. R. Co. of New York.....	do.....	6.50
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	14.46
17	Houston and Texas Central R. R. Co.....	do.....	7.60
	Chicago, Rock Island and Texas Rwy. Co.....	do.....	57.10
18	Seaboard Air Line Rwy.....	do.....	13.25
	St. Louis and San Francisco R. R. Co.....	do.....	9.21
	The Wabash R. R. Co.....	do.....	12.30
	The Texas and Pacific Rwy. Co.....	do.....	23.90
	Terre Haute and Indianapolis R. R. Co.....	do.....	4.93
	Southern Rwy. Co.....	do.....	13.95
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	15.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	Woodward & Lothrop.....	Long cloth.....	\$0.30
	P. H. Rolfs.....	Expenses.....	19.85
	Pennsylvania R. R. Co.....	Passenger transportation.....	6.00
	Nashville, Chattanooga and St. Louis Rwy. Co.....	do.....	9.89
	New Orleans and Northeastern R. R. Co.....	do.....	37.30
	Louisville and Nashville R. R. Co.....	do.....	4.93
21	Chas. Wieneck.....	Repairs to laboratory apparatus.....	12.75
	Laura de Shon Mackie.....	Services.....	14.00
	N. B. Pierce.....	Expenses.....	146.89
	B. M. Duggar.....	Salary.....	99.20
	D. J. Griffith.....	Rent, land.....	36.00
	W. W. Crosier.....	Lumber.....	39.98
	E. Bowers.....	do.....	29.87
	J. W. Burch.....	Rent, land.....	24.00
22	Potomac Electric Power Co.....	Electric current.....	26.77
	Washington Gaslight Co.....	Gas.....	11.60
24	Isidor Keller.....	Rent.....	33.00
29	The E. F. Brooks Co.....	Repairs to apparatus.....	10.45
	W. Atlee Burpee & Co.....	Seeds.....	1.70
	D. E. Burton.....	Changing apparatus.....	5.21
	Bausch & Lomb Optical Co.....	Cover glasses.....	8.56
	John Chattillon & Sons.....	Scales.....	15.00
	Church & Stephenson.....	Lumber.....	2.80
	Continental Gin Co.....	Gin.....	66.50
	W. W. Crosier.....	Lumber and labor.....	49.18
	Delano & Moore.....	Photo supplies.....	72.62
	H. C. Davison & Co.....	Copying books.....	14.62
	Eimer & Amend.....	Laboratory supplies.....	17.09
	J. P. Friez.....	Thermographs.....	250.00
	Z. D. Gilman.....	Laboratory supplies.....	16.80
	Wm. Krafft.....	Oven.....	22.00
	Geo. P. Killian.....	Boxes.....	7.50
	R. C. Keenan.....	Land rent.....	30.00
31	Rudolph, West & Co.....	Hardware.....	3.78
	Fred. A. Schmidt.....	Scale.....	.90
	E. G. Schafer.....	Plumbers' supplies.....	13.37
	do.....	do.....	3.03
	do.....	do.....	2.79
	do.....	Tubing.....	.50
	The Storrs & Harrison Co.....	Seeds.....	2.50
	Thos. Somerville & Sons.....	Plumbers' supplies.....	21.13
	Arthur H. Thomas Co.....	Laboratory supplies.....	4.10
	A. F. Woods et al.....	Salaries.....	5,200.82
	Total third quarter.....		28,749.78
Apr. 4	P. H. Rolfs.....	Expenses.....	39.46
	Andrew M. Soutle.....	Salary.....	25.50
	Newton B. Pierce.....	do.....	212.90
	Edgar A. Metcalfe.....	do.....	60.00
	James E. Morrow.....	do.....	60.00
	J. B. Evans.....	do.....	50.00
	C. L. Davis.....	do.....	25.00
	John S. Cole.....	do.....	60.00
	Guy R. Maxwell.....	do.....	5.27
	Perley Spaulding.....	do.....	81.80
	Mark B. Lacey.....	do.....	61.30
	Nis Nisson Lind.....	do.....	50.00
	George G. Hedgcock.....	do.....	81.80
	L. A. Fitz.....	do.....	50.00
	Wm. H. Smith.....	do.....	25.00
	E. G. Schollander.....	do.....	50.00
6	G. G. Hedgcock.....	Traveling expenses.....	53.25
	A. McG. Ferguson.....	Salary.....	50.00
	C. T. Rumbold.....	do.....	40.00
	Walter Evans.....	do.....	33.75
	F. Stilwell.....	do.....	60.00
	W. A. Orton.....	Expenses.....	8.35
	L. H. McCullough.....	Salary.....	40.00
	P. H. Rolfs.....	do.....	170.30
7	A. L. Stone.....	do.....	50.00
	Thos. S. Hunt.....	do.....	50.00
9	James B. Lambie Co. (Incorporated).....	Leather belting.....	6.08
	Isidor Keller.....	Rent.....	33.00
	Church & Stephenson.....	Lumber.....	17.75
	Giddings & Steele.....	Rug.....	3.10
	W. M. Scott.....	Traveling expenses.....	49.45
	B. M. Duggar.....	do.....	93.09
	U. S. Express Co.....	Transportation.....	20.61
	Washington Rwy. and Electric Co.....	Car tickets.....	8.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 9.	D. N. Walford.....	Canteens.....	\$5.50
	A. A. Winfield.....	Sugar.....	17.33
	.....do.....	.....do.....	2.75
	J. T. Walker Sons.....	Sand.....	1.00
	W. M. Whyte.....	Frames, etc.....	12.60
	A. Zichtl.....	Boxes.....	23.36
	.....do.....	.....do.....	6.12
	E. Morrison Paper Co.....	Tin foil.....	3.75
	.....do.....	Butter paper.....	3.25
	.....do.....	Pencils and leads.....	1.60
	.....do.....	Tags, etc.....	6.50
	Francis Miller.....	Glass.....	3.96
11	Henry A. Dreer (Incorporated).....	Seeds.....	2.10
	Peter Henderson & Co.....	.....do.....	3.00
	.....do.....	Plants.....	2.00
	F. W. Faurot.....	Salary.....	60.00
	A. H. Leidigh.....	.....do.....	50.00
	C. L. Alexander.....	.....do.....	40.00
	Alex. Carlyle.....	.....do.....	150.00
12	Youngers & Co.....	Plum trees.....	2.70
	Whitall, Tatum Co.....	Apparatus.....	2.35
	.....do.....	Flasks.....	2.00
	James Vicks Sons.....	Seeds.....	4.00
	G. L. Taber.....	Planting trees.....	20.02
	St. Louis Seed Co.....	Pots.....	10.84
	Laura de S. Mackie.....	Services.....	14.00
	J. B. Roberts.....	Harness.....	35.00
	James Douglas.....	Plates.....	7.47
	Philip Lindemeyer.....	Paste.....	2.60
	Chas. Lentz & Sons.....	Grinding razors.....	1.50
	Library Bureau.....	Cards.....	2.25
	Merck & Co.....	Chemicals.....	11.56
	.....do.....	.....do.....	5.00
	.....do.....	.....do.....	1.56
	.....do.....	.....do.....	1.18
13	Newton B. Pierce.....	Rent.....	125.00
14	Mary E. Parker, executrix.....	Paper.....	3.13
	Barber & Ross.....	Oil stone, etc.....	7.65
	.....do.....	Can.....	2.90
	.....do.....	Steel tape.....	5.25
	Blue Line Transfer Co.....	Drayage.....	.25
	J. K. Bishop.....	Negative envelopes.....	.50
	E. Morrison Paper Co.....	Letter books.....	15.00
	.....do.....	Tags.....	13.26
	.....do.....	.....do.....	25.80
	Chas. R. Edmonston.....	Jars.....	3.84
	Fred. A. Schmidt.....	Scales.....	1.35
	W. M. Whyte.....	Zinc.....	6.00
	W. B. Moses & Sons.....	Furniture.....	19.18
15	John O. Merwin.....	Salary.....	19.50
	Lewis T. Leonard.....	.....do.....	2.47
	Clifford Morse.....	.....do.....	19.50
19	J. A. McDonald & Co.....	Cement, etc.....	9.90
	The Mapes Formula and Peruvian Guano Co.....	Fertilizer.....	19.50
	Bausch & Lomb Optical Co.....	Photo materials, etc.....	13.32
	Charter Gas Engine Co.....	Engine and pump.....	412.40
	De Camp Fuel Co.....	Coal.....	18.98
	.....do.....	.....do.....	8.50
	F. W. Faurot.....	Traveling expenses.....	9.50
	P. J. Wester.....	Labor.....	23.23
	Whittier Coburn Co.....	Glass.....	32.50
20	John O. Merwin.....	Salary.....	3.00
	Herman von Schrenk.....	Traveling expenses.....	209.80
	The Wabash R. R. Co.....	Passenger transportation.....	16.69
	Terre Haute and Indianapolis R. R. Co.....	.....do.....	19.25
	The Yazoo and Mississippi Valley R. R. Co.....	.....do.....	2.95
	Union Pacific R. R. Co.....	.....do.....	8.70
	Southern Rwy. Co.....	.....do.....	112.30
	The Chicago, Burlington and Quincy Rwy. Co.....	.....do.....	5.70
	The Atchison, Topeka and Santa Fe Rwy. Co.....	.....do.....	4.87
	St. Louis and San Francisco R. R. Co.....	.....do.....	29.46
	Pennsylvania R. R. Co.....	.....do.....	14.75
	New York, New Haven and Hartford R. R. Co.....	.....do.....	8.75
	Norfolk and Washington Steamboat Co.....	.....do.....	8.00
	Missouri, Kansas and Texas Rwy. Co.....	.....do.....	7.85
	.....do.....	.....do.....	37.30
	Chicago and Alton Rwy. Co.....	.....do.....	7.50
	Louisville and Nashville R. R. Co.....	.....do.....	15.85

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 20	Illinois Central R. R. Co.	Passenger transportation.	\$3.83
	do.	do.	8.70
21	Agnes Quirk.	Expenses.	6.95
22	Chicago, Rock Island and Pacific Rwy. Co.	Passenger transportation.	35.34
23	C. O. Townsend.	Traveling expenses.	144.20
	Olimpio Anselmina.	Salary.	31.50
	C. O. Rund.	do.	40.00
28	Washington Southern Rwy.	Transportation of seeds.	9.52
29	Hermann von Schrenk.	Traveling expenses.	95.20
	G. G. Hedgecock.	do.	5.65
	J. B. Norton.	do.	91.85
30	W. A. Rountree.	Salary.	39.00
	J. F. Barghansen.	do.	36.00
	Clifford Morse.	do.	19.50
	James Rowan, jr.	do.	4.17
	C. D. Franklin.	do.	39.00
	A. F. Woods et al.	Salaries.	5,212.37
May 2	J. B. Evans.	Salary.	50.00
	Peter J. Wester.	do.	50.00
	Nis Nissen Lind.	do.	50.00
	F. Stilwell.	do.	60.00
	E. A. Metcalfe.	do.	60.00
	Jas. Everett Morrow.	do.	60.00
	F. W. Faurot.	do.	60.00
	Newton B. Pierce.	do.	206.00
	Perley Spaulding.	do.	79.10
	G. G. Hedgecock.	do.	79.10
	A. H. Leidigh.	do.	50.00
	E. G. Schollander.	do.	50.00
	M. B. Lacy.	do.	59.30
	Walter Evans.	do.	16.25
	A. M. Soule.	do.	24.70
	Wm. Howard Smith.	do.	25.00
	Charles L. Davis.	do.	25.00
	Olimpia Anselmina.	do.	36.00
	L. H. McCullough.	do.	40.00
3	Menendez Steamship Co.	Traveling expenses.	38.00
	C. O. Rund.	Salary.	20.00
4	Eimer & Amend.	Rent of cylinder.	1.37
	do.	Chemicals.	1.25
	Erker Bros. Optical Co.	Photo supplies.	29.85
	do.	do.	28.45
	do.	do.	16.55
	Chico Nursery Co.	Grapevines.	42.50
	De Camp Fuel Co.	Coal.	10.00
	The Baker & Adamson Chemical Co.	Ammonia, etc.	5.38
	Isidore Keller.	Rent.	33.00
	Henry Heil Chemical Co.	Laboratory supplies.	15.40
	Emil Greiner.	Flasks.	38.85
	George D. Feidt & Co.	Crucible, etc.	3.68
	do.	Laboratory supplies.	5.70
	The Goulds Manufacturing Co.	Spraying apparatus.	27.39
	A. D. Shamel.	Salary.	79.10
6	A. Zichtl.	Pamphlet cases.	4.80
	do.	Pamphlet boxes.	9.00
	Yawman & Erbe Manufacturing Co.	Card cabinet.	20.70
	do.	Folders.	4.75
	Whitall Tatum Co.	Vials, etc.	9.09
	John C. Timmerhery.	Heater and pipe.	13.00
	J. M. Thorburn & Co.	Seeds.	7.70
	Spencer Lens Co.	Mechanical stage.	19.50
	St. Louis Seed Co.	Pots and saucers.	7.00
	C. R. Rockwood.	Cultivating cotton.	25.00
	Potomac Electric Power Co.	Electric current.	29.94
	W. M. Scott.	Traveling expenses.	49.75
	do.	Expenses.	23.46
	National Electrical Supply Co.	Lamp holder.	1.40
	do.	Air pump.	56.50
	The C. J. McCubbin Co.	Lavatory.	16.25
	Mackall Bros.	Glycerine, etc.	19.37
	Francis Miller.	Glass.	2.70
	Remington Typewriter Co.	Repairs to typewriter.	13.25
	Queen & Co. (Incorporated).	Ether.	2.25
	Polar Wave Ice and Fuel Co.	Ice.	35.00
	do.	do.	17.50
	P. C. Murphy Trunk Co.	Trunk.	7.65
	Mallinckrodt Chemical Works.	Potassium.	5.80
	Wm. Kraft.	Paraffin.	26.50
	A. N. Clark.	Corn.	55.20
7	C. O. Townsend.	Traveling expenses.	52.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 9	Delano & Moore.....	Photo supplies.....	\$77.48
10	Karl F. Kellerman.....	Traveling expenses.....	28.05
11	Alex. McG. Ferguson.....	Salary.....	50.00
	R. T. Rumbold.....	do.....	39.60
12	A. L. Stone.....	do.....	50.00
	D. O. Munson.....	Cherry trees.....	15.43
13	Peter Henderson & Co.....	Oats.....	15.00
	Walter Evans.....	Labor.....	1.80
	James S. Topham.....	Straps.....	25.00
	Edw. S. Schmid.....	Labels.....	.90
	Z. D. Gilman.....	Moth balls, etc.....	.24
	Thos. Somerville & Sons.....	Tees.....	6.72
	E. Morrison Paper Co.....	Paper.....	2.60
	do.....	do.....	8.30
	Washington Gas Light Co.....	Gas.....	.50
	The Maurice Joyce Engraving Co.....	Plate.....	.44
	E. G. Schafer & Co.....	Solder.....	136.04
	do.....	Heating apparatus.....	66.36
	Woodward & Lothrop.....	Rods and brackets.....	8.50
	Jas. E. Albinson.....	Repairs to latrobe.....	9.50
	R. Carter Ballantyne.....	Linen paper.....	13.70
	Wm. Ballantyne & Son.....	Paper, etc.....	6.25
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	3.63
	Blue Line Transfer Co.....	Freight, etc.....	86.00
	Densmore Typewriter Co.....	Typewriter, etc.....	.40
	Rudolph, West & Co.....	Hinges, etc.....	18.00
14	W. A. Rountree.....	Salary.....	9.00
	Charles Thompson.....	do.....	6.00
	Frank Tenley.....	Services.....	9.00
	John M. Veale.....	do.....	6.00
	E. W. Walker.....	do.....	36.00
	J. T. Barghansen.....	do.....	22.50
16	Geo. P. Killian.....	Boxes.....	10.80
	John C. Parker.....	Holders.....	33.60
	Washington Woodworking Co.....	Boxes.....	92.25
	Remington Typewriter Co.....	Typewriter.....	13.25
	The Pen-Carbon Manifold Co.....	Letter books, etc.....	3.30
	Yawman & Erbe Manufacturing Co.....	Guides.....	40.20
	United States Envelope Co.....	Envelopes.....	22.92
	The American Distilling Co. (A. L. Webb & Sons branch).....	Alcohol.....	10.37
	L. L. Olds Seed Co.....	Oats.....	39.20
	A. C. Bowers.....	Lath, etc.....	18.00
	J. R. B. Clemons.....	Clerical aid.....	10.00
	James Douglas.....	Photo supplies.....	3.65
	Vaughan's Seed Store.....	Seeds.....	18.25
	G. G. Hedgecock.....	Traveling expenses.....	20.40
	Perley Spaulding.....	do.....	24.00
18	The Pullman Co.....	Passenger transportation.....	40.00
	Peninsula and Occidental Steamship Co.....	do.....	27.35
	Louisville and Nashville R. R. Co.....	do.....	74.60
	St. Louis Southwestern Rwy. Co. of Texas.....	do.....	4.80
	Georgia R. R.....	do.....	4.60
	Galveston, Harrisburg and San Antonio Rwy. Co.....	do.....	3.80
	Oregon Short Line R. R. Co.....	do.....	18.00
	do.....	do.....	37.90
	Southern Rwy. Co.....	do.....	11.10
	Chicago and Northwestern Rwy. Co.....	do.....	9.65
	Atlantic Coast Line R. R. Co.....	do.....	13.60
	Washington Southern Rwy. Co.....	do.....	19.50
	The Chesapeake and Ohio Rwy. Co.....	do.....	14.00
	do.....	do.....	40.00
	C. L. Alexander.....	Salary.....	50.00
	T. S. Hunt.....	do.....	9.29
	S. M. Tracy.....	Traveling expenses.....	6.40
	Peter J. Wester.....	Expenses.....	28.70
	Chas. P. Hartley.....	do.....	33.80
	L. A. Fitz.....	do.....	6.87
	do.....	Traveling expenses.....	7.12
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	Passenger transportation.....	3.75
	Chicago and Alton Rwy. Co.....	do.....	34.30
	Pere Marquette R. R. Co.....	do.....	22.00
	The Wabash R. R. Co.....	do.....	7.25
	Central of Georgia Rwy. Co.....	do.....	14.28
	Fred. A. Schmidt.....	Dividers, etc.....	49.40
19	Geo. T. Moore.....	Traveling expenses.....	126.00
20	M. J. Thomas.....	Salary.....	33.00
23	Isidor Keller.....	Rent.....	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment	Total
1904.			
May 25	H. J. Webber	Traveling expenses	\$78.20
	P. J. O'Gara	do.	101.07
27	Hermann von Schrenk	Expenses	79.78
28	M. E. Waite	Traveling expenses	15.21
	G. G. Hedgcock	do.	118.45
31	J. T. Barghansen	Salary	42.00
	J. W. Kelley	do.	39.00
	C. D. Franklin	do.	39.00
	J. C. Gordon	do.	39.00
	G. O. Minor	do.	39.00
	Frank Tenly	do.	21.00
	J. M. Veale	do.	21.00
	E. W. Walker	do.	21.00
	Charles Thompson	do.	21.00
	W. A. Rountree	do.	21.00
	A. F. Woods et al	Salaries	5,946.92
June 2	E. G. Schollander	Salary	50.00
	Peter J. Wester	do.	50.00
	F. Stilwell	do.	60.00
	L. H. McCullough	do.	40.00
	A. M. Soule	do.	25.60
	C. L. Davis	do.	25.00
	J. B. Evans	do.	50.00
	Thos. S. Hunt	do.	50.00
	F. W. Faurot	do.	60.00
	C. T. Rumbold	do.	40.80
3	L. P. Menchine	Asbestos covering	4.94
	Mackall Bros.	Corks, etc	21.38
	Mereck & Co.	Chemicals	7.63
	do.	do.	11.20
	do.	do.	4.22
	do.	do.	23.20
	E. Morrison Paper Co.	Tin foil	14.00
	do.	Butter paper	5.20
	do.	Tin foil	7.00
	Mallinckrodt Chemical Co.	Chemicals	29.49
	do.	do.	20.30
	do.	do.	27.50
	do.	do.	2.00
	do.	do.	1.00
	do.	do.	11.60
	James B. Lambie Co. (Incorporated)	Wire, etc.	8.25
	The Geo. W. Knox Express Co.	Transportation	7.77
	do.	do.	10.36
	Z. D. Gilman	Tubing, etc.	14.86
	Henry J. Green	Thermometers	4.00
	Geo. D. Feidt & Co.	Flasks	4.60
	do.	Alumnol	1.07
	R. J. Farquhar & Co.	Plants	4.00
	do.	do.	9.00
	The Dust Sprayer Manufacturing Co.	Sprayer, etc.	28.00
	De Camp Fuel Co.	Coal	17.00
	The Carborundum Co.	Laboratory supplies	1.58
	Chico Nursery Co.	Grapevines	23.25
	Bausch & Lomb Optical Co.	Microscope, etc.	198.33
	do.	Tubes, etc.	204.27
	R. P. Andrews & Co. (Incorporated)	Paper	19.20
	American Writing Machine Co.	do.	91.20
	Adams Express Co.	Transportation	43.45
	do.	do.	14.60
	do.	do.	5.70
	Edw. S. Schmid	Boxes	6.00
	William Rennie	Oats	13.96
	Stark Bros. Nurseries and Orchards Co.	Labor	43.55
	do.	do.	26.70
	do.	do.	42.22
	Potomac Electric Power Co.	Electric current	25.68
	The Okonite Co. (Limited)	Wire	4.20
	Wm. Krafft	Objectives, etc.	142.90
	United States Express Co.	Transportation	.30
	do.	do.	13.17
	Arthur H. Thomas Co.	Artists' materials	5.30
	do.	Circles, etc.	13.13
	S. S. Shedd & Bro. Co.	Tubing, etc.	1.85
	Woodward & Lothrop	Chairs, etc.	50.26
	Fred. A. Schmidt	Drawing board	12.72
	do.	Rules	2.70
	Whitall, Tatum Co.	Strop	.46
	Washington Gaslight Co.	Gas	8.30
	Washington Railway and Electric Co.	Car tickets	8.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 3	Union Envelope Co.	Envelopes	\$6.95
4	A. A. Winfield	Sugar, etc	5.35
6	Mineralized Rubber Co.	Hose	84.00
	Emil Greiner	Graduates	30.85
	Church & Stephenson	Lumber	11.50
	.....do.....	.....do.....	22.50
	.....do.....	.....do.....	11.64
	Western Union Telegraph Co.	Telegraph service	14.81
	Jas. W. Hellman	Pipe	42.63
	Kellogg Switchboard and Supply Co.	Desk stand	9.90
	Eimer & Amend	Chemicals	10.80
	.....do.....	Glasses	6.60
	Field Force Pump Co.	Nozzles	4.80
	Deere & Mansur Co.	Beet cult	15.00
	R. Carter Ballantyne	Paper	2.70
	American Writing Machine Co.	Stand	4.00
	W. B. Moses & Sons	Bookcases	22.46
	The Fred. Macey Co. (Limited)	Card index	18.00
	Remington Typewriter Co.	Adjusting typewriter .....	.50
	Hugh Reilly	Shellac .....	.24
	Edw. S. Schmid	Seeds	6.54
	Whitall, Tatum Co.	Laboratory supplies	8.34
	.....do.....	Jars	57.00
	Arthur H. Thomas Co.	Needles, etc	12.97
	Martin Weigand	Labels	13.05
	D. O. Munson	Fruit trees	14.00
	Yawman & Erbe Manufacturing Co.	Section	13.00
	.....do.....	Folders and guides	7.45
8	B. M. Duggar	Traveling expenses	53.95
	R. E. B. McKenney .....	.....do.....	25.70
	P. H. Rolfs .....	.....do.....	38.95
	Geo. T. Moore .....	.....do.....	45.37
	C. O. Townsend	Expenses	108.55
	Jesse B. Norton	Traveling expenses	32.85
	W. W. Cobey .....	.....do.....	40.75
	.....do.....	.....do.....	54.11
	Newton B. Pierce	Salary	213.00
	Nis Nissen Lind .....	.....do.....	50.00
	Sylvester Balz .....	.....do.....	55.00
	Olimpio Anselmino .....	.....do.....	39.00
	James Everett Morrow .....	.....do.....	60.00
	A. F. Woods	Traveling expenses	12.20
	I. P. Roosa	Expenses	3.30
	Hermann von Schrenk .....	.....do.....	103.98
	A. H. Leidigh	Salary	50.00
	M. B. Lacy .....	.....do.....	61.40
	E. A. Metcalfe .....	.....do.....	60.00
	Irene White .....	.....do.....	60.00
	G. G. Hedgecock .....	.....do.....	81.80
9	John M. Veale .....	.....do.....	10.50
	Charles Thompson .....	.....do.....	10.50
11	Haven Metcalf .....	.....do.....	15.00
	F. D. Kern .....	.....do.....	22.50
	W. H. Smith .....	.....do.....	25.00
	Chas. Levi Alexander .....	.....do.....	40.00
	A. L. Stone .....	.....do.....	50.00
	John Larson .....	.....do.....	60.00
	E. W. Walker .....	.....do.....	13.50
	Frank Tenley .....	.....do.....	13.50
	Hermann von Schrenk	Expenses	178.98
	P. H. Rolfs .....	.....do.....	53.64
15	Perley Spaulding	Salary	81.80
	W. M. Hays .....	.....do.....	151.60
	Theodore Wilkinson .....	.....do.....	13.75
	John T. Barghansen .....	.....do.....	39.00
	R. E. Lowery .....	.....do.....	19.50
	Wm. Gleason .....	.....do.....	9.00
	John H. Mullings .....	.....do.....	16.50
	Henry Johnson .....	.....do.....	9.00
16	Edward Hurdle	Ventilators	14.00
17	W. W. Cobey	Expenses	6.25
	C. H. Billingsley	Traveling expenses	10.51
20	Z. D. Gilman	Chemicals, etc	18.25
	C. H. Billingsley	Traveling expenses	32.40
	The J. C. Ergood Co.	Sugar, etc	34.68
	F. W. Bolgiano & Co.	Soda, etc	3.02
	Bausch & Lomb Optical Co.	Chemicals, etc	56.06
	Rudolph, West & Co.	Hardware	7.02
	Merck & Co.	Chemicals	4.95
	.....do.....	.....do.....	22.68

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904, June 20	Merck & Co.	Chemicals	\$22.30
	do.	do.	.78
	do.	Mannit	6.50
	Wm. F. Lutz Co.	Road wagon	100.00
	Chas. Lentz & Sons	Sharpening razor	.35
	Jas. B. Lambie (Incorporated)	Hardware	3.10
	Wm. Krafft	Microscope, etc.	81.00
	The Maurice Joyce Engraving Co.	Engraving	18.27
	Henry J. Green	Thermometer	5.00
	F. Weber & Co.	Instruments	1.25
	J. S. Merrill Drug Co.	Sulphur, etc.	48.11
	Wm. Wesley & Son	Specimens	7.50
	National Metal Edge Box Co.	Boxes	34.09
	Postal Telegraph-Cable Co.	Telegraph service	.55
	Edw. S. Schmid	Beet seeds	23.85
	Remington Typewriter Co.	Typewriter	92.25
	Washington Gaslight Co.	Gas	8.10
	Woodward & Lothrop	Desks, etc.	62.35
	Thomas Meehan & Sons	Trees	13.20
	E. Morrison Paper Co.	Board	1.35
	do.	Bags	9.52
	Mackall Bros.	Chemicals	140.90
21	L. A. Fitz	Expenses	7.05
	W. A. Orton	Traveling expenses	94.03
	E. B. Brown	do.	17.55
22	W. M. Scott	do.	67.64
24	James M. Rixey	Teams, etc.	100.00
	A. D. Shamel	Traveling expenses	103.80
27	C. L. Shear	do.	30.51
	A. D. Shamel	Expenses	4.50
29	The J. C. Ergood Co.	Pearline and soap	5.50
	Chas. R. Edmonston	Pasteur bougies	24.00
	do.	Crocks, etc.	4.16
	Eastern Wall Paper Co.	Papering	42.00
	R. C. M. Burton & Son	Awning	4.00
	C. Becker	Trunk, etc.	14.50
	Wm. Ballantyne & Son	Envelopes	25.50
	Adams Express Co.	Transportation	15.38
	do.	do.	19.70
	do.	do.	16.10
	Jas. B. Lambie Co. (Incorporated)	Screw-drivers, etc.	2.40
	P. H. Rolfs	Expenses	27.13
	do.	Traveling expenses	49.05
	Erker Bros. Optical Co.	Prints, etc.	13.95
	do.	Lantern slides, etc.	26.25
	The H. & W. B. Drew Co.	Tar board, etc.	21.20
	J. R. B. Clemons	Clerical aid	12.00
	Amour Fertilizer Works	Phosphate	13.00
	Mallinckrodt Chemical Works	Chemicals	1.00
	Library Bureau	Stands	15.00
	R. & J. Farquhar & Co.	Knives, etc.	36.70
	J. T. Barghansen	Salary	39.00
	J. W. Kelley	do.	39.00
	Henry Johnson	do.	19.50
	William Gleason	do.	19.50
	George O. Minor	do.	39.00
30	John H. Mullings	do.	19.50
	Elijah Qualls	do.	16.50
	A. F. Woods	Salaries	5,790.38
	Total fourth quarter		31,938.83
	Supplemental.		
July 1	John Gordon	Salary	39.00
	Wm. A. Rountree	do.	39.00
	C. D. Franklin	do.	39.00
2	J. T. Willard	Services	9.00
	Olimpio Anselmino	Salary	39.00
	C. L. Davis	do.	25.00
	A. M. Soule	do.	24.70
	M. B. Waite	Traveling expenses	20.56
	J. E. Schaefer	Salary	8.00
	Newton B. Pierce	do.	206.00
	E. A. Metcalfe	do.	60.00
	J. E. Morrow	do.	60.00
	M. B. Lacy	do.	59.30
	Perley Spaulding	do.	58.02
	Nis Nissen Lind	do.	50.00
	T. S. Hunt	do.	50.00
	C. T. Rumbold	do.	39.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 5	Di Georgio Importing and Steamship Co.....	Passenger transportation.....	\$60.00
	P. H. Grimes.....	Repairs to refrigerator.....	3.00
	...do.....	Making box.....	15.00
	P. O. Vanatter.....	Salary.....	65.90
	Merritt Harper.....	...do.....	49.50
	J. B. Norton.....	Expenses.....	24.72
	Newton B. Pierce.....	...do.....	520.99
	Hermann von Schrenk.....	Traveling expenses.....	171.10
6	P. J. Wester.....	Expenses.....	20.65
	P. H. Rolfs.....	Traveling expenses.....	43.50
	T. R. Robinson.....	...do.....	5.57
	J. T. Willard.....	Expenses.....	60.00
	Clark & Davenport.....	Linoleum.....	67.14
7	W. M. Scott.....	Expenses.....	75.20
	Thos. H. Kearney.....	Traveling expenses.....	187.80
	Church & Stephenson.....	Lumber.....	1.40
	...do.....	...do.....	5.40
	...do.....	...do.....	20.48
	...do.....	...do.....	45.52
9	Hermann von Schrenk.....	Expenses.....	130.88
	Erwin F. Smith.....	Traveling expenses.....	314.13
11	C. L. Alexander.....	Salary.....	40.00
	Alex. Carlyle.....	...do.....	150.00
	Jno. Larson.....	...do.....	40.00
	A. H. Leidigh.....	...do.....	50.00
	H. Metcalfe.....	...do.....	15.00
	A. L. Stone.....	...do.....	50.00
12	F. W. Faurot.....	...do.....	60.00
	F. Stilwell.....	...do.....	60.00
	G. G. Hedgcock.....	...do.....	79.10
	C. H. Billingsly.....	Traveling expenses.....	40.18
	...do.....	Expenses.....	2.83
	H. von Schrenk.....	...do.....	124.94
14	J. B. Evans.....	Services.....	50.00
	P. J. Wester.....	...do.....	50.00
	L. F. Childers.....	...do.....	25.00
	W. H. Smith.....	...do.....	25.00
	L. L. Harter.....	...do.....	39.60
	L. H. McCullough.....	...do.....	40.00
	Irene White.....	...do.....	60.00
	B. M. Duggar.....	...do.....	100.50
	W. W. Cobey.....	Traveling expenses.....	12.10
	W. M. Scott.....	...do.....	68.73
	A. F. Woods.....	...do.....	6.10
	Delano & Moore.....	Photo supplies.....	266.65
	Stark Bros. Nursery and Orchards Co.....	Labor.....	38.52
	Armour Fertilizer Works.....	Fertilizer.....	297.00
	Isador Keller.....	Rent.....	33.00
15	Eugene Scott.....	Services.....	54.00
	F. D. Kern.....	...do.....	67.50
	J. E. Schaefer.....	Traveling expenses.....	7.32
	C. L. Shear.....	...do.....	40.67
18	R. A. Moore.....	Services.....	6.00
	C. J. Brand.....	Traveling expenses.....	128.95
	L. L. Harter.....	...do.....	27.10
	...do.....	Expenses.....	27.73
	K. F. Kellerman.....	Traveling expenses.....	53.91
	Geo. T. Moore.....	...do.....	85.78
	H. J. Webber.....	...do.....	52.08
	J. T. Willard.....	Expenses.....	20.00
	Potomac Electric Power Co.....	Electric current.....	24.30
	W. S. Sheetz.....	Photo supplies.....	2.50
	Western Union Telegraph Co.....	Telegraph service.....	3.38
19	American Writing Machine Co.....	Iron brace.....	.70
	J. R. B. Clemons.....	Clerical aid.....	16.00
	J. D. Corry.....	Seeds.....	2.60
	J. H. Bunnell & Co.....	Desk buttons.....	1.80
	Eimer & Amend.....	Bell jars.....	6.40
	...do.....	Tripods.....	1.88
	Erker Bros. Optical Co.....	Prints, etc.....	23.05
	Field Force Pump Co.....	Apparatus.....	12.00
	R. Friedlander & Sohn.....	Specimens.....	9.52
	The Goulds Manufacturing Co.....	Pump.....	25.03
	Wm. Kraft.....	Microscope, etc.....	232.00
	Kellogg Switchboard and Supply Co.....	Desk stand.....	30.75
	Library Bureau.....	Guides.....	4.75
	Philip Lindemeyr.....	Paste.....	2.60
	Pierce Loop Sprayer Co.....	Separator.....	1.00
	Loseh Patent Door Co.....	Wash bench, etc.....	38.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	<i>Supplemental—Continued.</i>		
July 19	The Fred Macey Co. (Limited)	Section, etc	\$51.30
.....do.	.....do.	.....do.	14.00
.....do.	.....do.	.....do.	14.85
	Niles & Scott Co.	Metal wheels	5.60
	The Okonite Co. (Limited)	Electric supplies	4.20
	Queen & Co. (Incorporated)	Methyl orange	2.40
	Swayze, Bailey & Co.	File holders, etc.	51.00
	H. W. Stedman	Labor	24.00
	A. H. Thomas Co.	Dishes, etc.	21.22
.....do.	.....do.	.....do.	11.28
.....do.	.....do.	Magnifier	1.13
	U. S. Envelope Co.	Envelopes	11.22
	J. J. Valentine	Nuts	1.20
	Whitall, Tatum Co.	Vials	7.50
.....do.	.....do.	Valves, etc.	2.00
	Wallensak Optical Co.	Repairing shutter .....	.60
	Wolf Bros.	Envelopes	5.36
	Yawman & Erbe Manufacturing Co.	Files	1.10
.....do.	.....do.	Card cabinet	6.75
20	Baltimore and Ohio R. R. Co.	Passenger transportation	20.25
	The Chesapeake and Potomac Telephone Co.	Call .....	.10
	Eastern Wall Paper Co.	Molding	5.27
	Hutchinson & Harbin	Constructing bridge	82.00
	Geo. P. Killian Co.	Boxes	48.05
	Lamb & Tilden	Numbering machine	13.72
	Jas. B. Lambie Co. (Incorporated)	Wire, etc.	7.68
	Mackall Bros.	Chemicals	149.44
.....do.	.....do.	Camphor gum, etc.	22.07
.....do.	.....do.	.....do.	161.16
	E. Morrison Paper Co.	Cards	1.25
.....do.	.....do.	Tin foil	15.00
	Geo. F. Muth & Co.	White enamel .....	.45
	National Electric Supply Co.	Fans	42.50
	The Oliver Typewriter Co.	Repairs .....	.75
	Remington Typewriter Co.	Tabulator	18.00
.....do.	.....do.	Typewriter and cover	92.25
.....do.	.....do.	Ribbons, etc.	5.20
.....do.	.....do.	.....do.	1.65
	E. G. Schafer & Co.	Valves, etc.	7.07
.....do.	.....do.	Hose bibbs, etc.	5.85
.....do.	.....do.	Rubber sheeting	1.65
	Thos. Somerville & Sons	Plumbers' supplies .....	.45
	Alex. Schmid	Boxes	9.50
	Woodward & Lothrop	Desk, etc.	67.62
	S. S. Shedd & Bro. Co.	Metal tubing	5.55
	Edw. S. Schmid	Seeds	17.70
	Underwood Typewriter Co.	Typewriter	87.50
	D. N. Walford	Knives	2.55
	W. M. Whyte	Zinc labels	18.00
	A. Ziehl	Boxes	9.00
.....do.	.....do.	.....do.	9.00
23	O. O. Churchill	Services	61.29
	E. C. Chilcott .....	.....do.	12.00
	W. A. Orton	Expenses	7.80
	Pennsylvania R. R. Co.	Passenger transportation	10.50
.....do.	.....do.	.....do.	6.00
.....do.	.....do.	.....do.	97.53
.....do.	.....do.	.....do.	43.30
	Pennsylvania Co. ....	.....do.	11.00
	Southern Rwy. Co. ....	.....do.	100.87
	Washington Southern Rwy. Co. ....	.....do.	15.90
25	W. M. Hays	Services	49.50
	J. M. Johnson	Rent of land	140.00
26	J. F. Dugger	Expenses	10.23
	C. O. Townsend .....	.....do.	65.00
	H. A. Miller	Traveling expenses	25.80
	Delano & Moore	Cameras, etc.	201.91
	Church & Stephenson	Lumber	154.81
.....do.	.....do.	.....do.	33.05
.....do.	.....do.	.....do.	31.33
27	C. O. Townsend	Traveling expenses	121.30
30	St. Louis Southwestern Rwy. Co.	Passenger transportation	6.66
	Missouri, Kansas and Texas Rwy. Co. ....	.....do.	2.55
	The Minneapolis and St. Louis R. R. Co. ....	.....do.	14.20
	The Atchison, Topeka and Santa Fe Rwy. Co. ....	.....do.	44.75
	New York, New Haven and Hartford R. R. Co. ....	.....do.	59.20
.....do.	.....do.	.....do.	23.25
	Nashville, Chattanooga and St. Louis Rwy. ....	.....do.	4.60
	Norfolk and Washington S. B. Co. ....	.....do.	6.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. July 30	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	Passenger transportation	\$12.75
	Peninsular and Occidental S. S. Co.	do	40.80
	Union Pacific R. R. Co.	do	16.57
	The Wabash R. R. Co.	do	7.83
	do	do	14.23
	The Texas and Pacific Rwy. Co.	do	19.20
	St. Louis and San Francisco R. R. Co.	do	9.21
	Central of Georgia Rwy. Co.	do	7.25
	do	do	19.84
	Atlantic Coast Line R. R. Co.	do	2.46
	Chicago, Milwaukee and St. Paul Rwy. Co.	do	9.70
	do	do	19.82
	Denver and Rio Grande R. R. Co.	do	18.00
	The Missouri Pacific Rwy. Co.	do	6.95
	Maricopa, Phoenix and Salt River Valley R.R. Co.	do	9.70
Aug. 1	W. A. Orton	Traveling expenses	14.08
	P. H. Rolfs	do	45.08
	L. A. Fitz	Expenses	12.28
	Agnes Quirk	do	7.67
	P. J. Wester	do	62.13
	do	do	20.40
	American Writing Machine Co.	Letter paper	95.00
	R. Friedlander & Sohn	Specimens	59.50
	do	do	12.82
	J. C. Jones	Drawings	40.00
	W. Junk	Book	4.21
	N. B. Pierce	Rent	125.00
2	J. H. Sheppard	Services	12.00
	A. McG. Ferguson	do	9.68
3	G. P. Killian	Paper boxes	35.00
	Hugh Reilly	Shellac .....	.48
	Z. D. Gilman	Weights, etc.	57.13
	Swayze, Bailey & Co.	Letter books, etc.	11.00
	J. Baumgarten & Sons	Stamp .....	.50
	Barber & Ross	Hatch, etc.	2.75
	do	Bolts, etc.	5.31
	Fred Carl	Attachments for camera	20.00
	The Chesapeake and Potomac Telegraph Co.	Service	6.25
	do	Call .....	.10
	Delano & Moore	Photo supplies	69.18
	Dulin & Martin Co.	Jars	4.20
	Brentano's	Manifold pen	4.00
	J. C. Parker	Copy cloths	25.32
	National Mortar Co.	Cement	24.96
	Potomac Electric Power Co.	Current	24.60
	E. Morrison Paper Co.	Butter paper	5.20
	M. Du Perow	Buzzers, etc.	9.06
	Jas. B. Lambie Co. (Incorporated)	Screws, etc.	2.48
	W. B. Moses & Sons	Table, etc.	72.85
	do	Bookcases, etc.	106.90
	do	Chair, etc.	27.05
	E. G. Schafer & Co.	Ells, etc. ....	.36
	do	do	291.99
	do	Tees, etc.	9.09
	do	Valves, etc.	44.42
	do	Copyholder, etc.	4.45
	Remington Typewriter Co.	Gas	8.80
	Washington Gaslight Co.	Chairs, etc.	17.35
8	W. G. Sackett	Traveling expenses	2.15
9	W. W. Cobey	Expenses	134.47
10	B. M. Duggar	do	31.05
	Issador Kellar	Rent	33.00
12	W. T. Swingle	Traveling expenses	10.00
16	H. von Schrenk	Expenses	43.74
17	E. Bartholomew	Specimens	6.00
	Buxton & Skinner Stationery Co.	Eyelet machine, etc.	20.15
	F. T. Budge	Nails, etc.	13.05
	do	Twine, etc.	28.20
	Cambridge Botanical Supply Co.	Cases	5.20
	Columbia Liquid Air Co.	Flask and air	17.00
	J. R. Collins	Cloth tags	26.20
	Dennison Manufacturing Co.	Tags	17.50
	Delano & Moore	Camera, etc.	72.15
	Z. D. Gilman	Chemicals	21.23
	Jas. B. Lambie Co. (Incorporated)	Hammer, etc.	32.05
	Woodruff Manufacturing Co.	Wall tables	64.00
18	Luytus Bros. Mercantile Co.	Jars	18.00
	G. D. Fridt & Co.	Alcoholometers	7.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Aug. 18	Folmer & Schwing Manufacturing Co.	Repairs to camera	\$0. 50
	Glen St. Mary Nurseries	Plants	10. 00
	Guild & Garrison	Grate bars	14. 00
	Robt. Gair Co.	Bags	24. 49
	do.	do.	29. 80
	The Leeds Northrop Co.	Galvanometer, etc.	54. 00
	Wm. Krafft.	Stand, etc.	211. 70
	do.	Objective, etc.	102. 75
	H. Rehm	Specimens	5. 00
	Joe Ray	Cultivating cotton	15. 00
	Stark Bros. Nurseries and Orchard Co.	Labor	11. 00
	The Stoddard Manufacturing Co.	Cultivators	26. 00
	C. H. Stoelting & Co.	Jars, etc.	12. 08
	Spencer Lens Co.	Microscope, etc.	14. 25
	do.	Objectives	141. 25
	J. A. Thompson.	Cultivating cotton	15. 00
	F. G. Tracy	do.	20. 00
	The Utah Sugar Co.	Sugar-beet seed	22. 30
	Queen & Co. (Incorporated)	Chemicals	30. 64
	do.	do.	2. 90
	do.	Flasks and dishes	3. 07
	do.	Chemicals	9. 00
	Edw. Nelson	Refrigerator	19. 50
	Polar Wave Ice and Fuel Co.	Ice	17. 50
	Clara Preston	Typewriting	17. 80
	Lucia McCulloch	Services	60. 00
	Mallinckrodt Chemical Works	Chemicals	2. 00
	Morrill & Morley	Rods and hose	10. 05
	Merek & Co.	Chemicals	17. 63
	do.	do.	13. 90
	do.	do. ....	. 50
	The Fred Marcy Co.	File sections	13. 50
	do.	do.	39. 00
	do.	do.	31. 10
	Emil Greiner	Burettes	10. 00
	do.	Graduates, etc.	9. 80
	Henry Heil Chemical Co.	Beakers	65. 49
	W. A. McGuie	Rent land	25. 00
	Eimer & Amend	Chemicals	15. 04
	do.	Drying baths	18. 85
	Yawman & Erbe Manufacturing Co.	Sections	48. 75
	do.	Folders, etc.	7. 45
	do.	Cabinet	7. 75
	Bausch & Lomb Optical Co.	Circles, etc.	15. 63
	do.	Triplets, etc.	40. 65
	Library Bureau	Cards, etc.	49. 10
	Arthur H. Thomas Co.	Slides, etc.	29. 80
	do.	Paraffin	3. 92
	Whitall Tatum Co.	Bottles	1. 72
	do.	do.	7. 67
	do.	Jars	9. 33
19	Chas. P. Hartley	Expenses	52. 70
22	P. J. Webster	do.	6. 00
	P. H. Rolfs	do.	29. 82
	W. M. Scott	do.	7. 00
26	R. C. Keenan	Cultivating cotton	120. 00
	do.	do.	474. 19
	American Can Co.	Mailing tubes	7. 07
	Western Union Telegraph Co.	Service	7. 42
27	C. J. Brand	Traveling expenses	4. 90
	R. C. M. Burton & Sons	Awnings	16. 00
	Mallinckrodt Chemical Works	Chemicals	4. 15
	Mackall Bros	Corks, etc.	19. 78
	do.	Tubes	60. 00
	Haller & Cornell Wall Paper Co.	Wall paper	164. 67
29	The J. C. Ergood Co.	Pearline	3. 00
	A. M. Ferguson	Services	78. 00
	A. Y. Greer	Cultivating cotton	125. 00
	Dudley M. Hughes	do.	20. 00
	Chas. E. Hodgkin	Oil stain	1. 50
	Wm. Krafft	Balances	185. 00
	Geo. F. Muth & Co.	Bronze, etc.	10. 75
	Rudolph, West & Co.	Hardware	97. 95
	Ed Swan	Cultivating alfalfa, etc.	20. 00
	Thos. Somerville & Sons	Pipe, etc.	457. 85
	Whitall, Tatum & Co.	Apparatus	35. 00
	Thos. Somerville & Sons	Chemical hose, etc.	21. 50
Sept. 6	W. G. Sockett	Salary	80. 00
8	O. Bellman, jr	Grate bars	10. 00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Sept. 10	Karl F. Kellerman.....	Traveling expenses.....	\$10.75
	W. G. Sockett.....	Expenses.....	25.87
	Haven Metcalf.....	do.....	38.46
	Jas. G. Biddle.....	Patentrometer, etc.....	285.70
	Bausch & Lomb Optical Co.....	Bottles.....	32.12
13	Newton B. Pierce.....	Traveling expenses.....	15.35
	do.....	Expenses.....	410.47
15	Estate Jno. C. Parker.....	Stationery supplies.....	54.36
19	Lake Shore and Michigan Southern Rwy. Co.	Passenger transportation.....	15.10
	San Pedro, Los Angeles and St. Louis R. R. Co.	do.....	7.50
	Pennsylvania R. R. Co.....	do.....	1.41
	do.....	do.....	13.00
	do.....	do.....	40.40
	do.....	do.....	4.00
	do.....	do.....	128.30
	Oregon Short Line R. R. Co.....	do.....	57.75
	Atlantic Coast Line R. R. Co.....	do.....	5.80
	do.....	do.....	20.00
	Denver and Rio Grande R. R. Co.....	do.....	36.00
	The Atchison, Topeka and Santa Fe Rwy. Co.	Transportation.....	39.91
	Texas and Pacific Rwy. Co.....	do.....	6.61
	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	43.55
	do.....	do.....	25.50
	The Pullman Co.....	do.....	6.00
	Chesapeake and Ohio Rwy. Co.....	Transportation.....	.95
	do.....	Passenger transportation.....	16.00
	Southern Rwy. Co.....	do.....	27.85
	do.....	do.....	32.50
	Washington Southern Rwy.....	do.....	1.65
	do.....	do.....	1.95
	Chicago Great Western Rwy. Co.....	do.....	8.10
	Terre Haute and Indianapolis R. R. Co.....	do.....	7.40
	The Missouri Pacific Rwy. Co.....	do.....	24.50
	Illinois Central R. R. Co.....	do.....	28.00
	Central of Georgia R. R. Co.....	do.....	3.16
	do.....	do.....	4.22
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.....	27.25
	do.....	do.....	6.85
20	A. H. Busch & Co.....	Pipe, etc.....	113.55
	Barber & Ross.....	Hardware.....	1.85
	Littlefield, Alvord & Co.....	Transportation.....	.75
	do.....	do.....	1.20
	do.....	do.....	.94
	do.....	do.....	.40
	Standard Oil Co.....	Gasoline.....	26.40
	Merck & Co.....	Chemicals.....	8.75
	Yawman & Erbe Manufacturing Co.....	Cards.....	15.00
	United States Express Co.....	Transportation.....	5.99
	do.....	do.....	20.00
	Thos. Somerville & Sons.....	Sinks, etc.....	26.45
	do.....	Heating apparatus.....	29.54
	Woodward & Lothrop.....	Furniture.....	41.60
	Remington Typewriter Co.....	Adjusting typewriter.....	1.00
	Bausch & Lomb Optical Co.....	Driers, etc.....	6.24
	Adams Express Co.....	Transportation.....	32.75
	do.....	do.....	17.20
	Oswald Weigel.....	Specimens.....	18.41
24	Florida East Coast Rwy. Co.....	Passenger transportation.....	31.20
26	Armour Fertilizer Works.....	Fertilizer.....	30.00
	do.....	do.....	20.00
	W. W. Crosier.....	Lumber.....	29.92
28	H. von Schrenk.....	Expenses.....	2.87
	Total.....		15,795.25

RECAPITULATION.

First quarter.....	\$20,936.83
Second quarter.....	25,243.53
Third quarter.....	28,749.78
Fourth quarter.....	31,938.83
Supplemental.....	15,795.25
Total.....	122,664.22

220 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS—RENT.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 10	Tyler & Rutherford.....	Rent.....	\$133.33
Sept. 9	.....do.....	.....do.....	133.33
	Total first quarter.....		266.66
Oct. 14	Tyler & Rutherford.....	Rent.....	133.33
Dec. 10	.....do.....	.....do.....	266.66
	Total second quarter.....		399.99
1904.			
Jan. 18	Tyler & Rutherford.....	Rent.....	133.33
Feb. 24	.....do.....	.....do.....	133.33
Mar. 22	.....do.....	.....do.....	133.33
	Total third quarter.....		399.99
Apr. 13	Tyler & Rutherford.....	Rent.....	133.33
May 12	.....do.....	.....do.....	133.33
	Amanda E. Brown.....	.....do.....	300.00
June 18	Tyler & Rutherford.....	.....do.....	133.33
	Total fourth quarter.....		699.99
	Supplemental.....		
July 14	Amanda E. Brown.....	Rent.....	60.00
26	Tyler & Rutherford.....	.....do.....	133.33
Aug. 3	H. V. Lansdale.....	.....do.....	150.00
	Total.....		343.33

RECAPITULATION.

First quarter.....	\$266.66
Second quarter.....	399.99
Third quarter.....	399.99
Fourth quarter.....	699.99
Supplemental.....	343.33
Total.....	2,109.96

VEGETABLE PATHOLOGICAL INVESTIGATIONS, 1903-4.

Date.	Name.	Nature of payment.	Total.
1903.			
May 15	M. B. Waite.....	Traveling expenses.....	\$116.47
	Total fourth quarter, 1903.....		116.47
1904.			
Sept. 18	Pennsylvania R. R. Co.....	Passenger transportation.....	44.00
	Texas and New Orleans R. R. Co.....	.....do.....	20.00
19	Atlantic Coast Line R. R. Co.....	.....do.....	29.16
	The Colorado and Southern Rwy. Co.....	.....do.....	26.55
	Total first quarter, 1904.....		119.71
Oct. 2	J. S. Cole.....	Salary.....	60.00
	J. B. Evans.....	.....do.....	50.00
	F. W. Faurot.....	.....do.....	60.00
	H. K. Mooney.....	.....do.....	25.00
	P. H. Dorsett.....	.....do.....	183.40
	P. H. Rolfs.....	.....do.....	163.00
	Nis Nissen Lind.....	.....do.....	50.00
	J. E. Hite.....	.....do.....	25.00
	A. McG. Ferguson.....	.....do.....	50.00
	L. A. Fitz.....	.....do.....	50.00
	W. M. Hays.....	.....do.....	101.00
	J. F. Brewer.....	.....do.....	81.60
	E. A. Metcalfe.....	.....do.....	60.00
	N. M. Kelley.....	.....do.....	60.00
	Frances Stilwell.....	.....do.....	60.00
	A. H. Leidigh.....	.....do.....	50.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

VEGETABLE PATHOLOGICAL INVESTIGATIONS, 1903-4—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Oct. 2	M. B. Lacy.....	Salary.....	\$58.80
	Newton B. Pierce.....	do.....	203.80
	Perley Spaulding.....	do.....	78.20
	A. M. Soule.....	do.....	24.40
	E. G. Schollander.....	do.....	50.00
	G. G. Hedgcock.....	do.....	78.20
6	Sylvester Bolz.....	do.....	55.00
	W. M. Hays.....	do.....	49.00
	A. L. Stone.....	do.....	50.00
	H. C. Henricksen.....	do.....	58.80
	A. W. Edson.....	do.....	78.20
	Walter Evans.....	do.....	16.25
	L. H. McCullough.....	do.....	40.00
9	C. T. Rumbold.....	do.....	40.00
19	Alex. Carlyle.....	do.....	150.00
	C. O. Rund.....	do.....	40.00
	M. L. Dean.....	do.....	40.00
Nov. 3	M. B. Lacy.....	do.....	60.60
	E. G. Schollander.....	do.....	50.00
	H. C. Henricksen.....	do.....	60.60
	A. M. Soule.....	do.....	25.30
	Newton B. Pierce.....	do.....	210.60
	E. A. Metcalfe.....	do.....	60.00
	G. G. Hedgcock.....	do.....	80.90
	Nis Nissen Lind.....	do.....	50.00
	L. H. McCullough.....	do.....	40.00
	B. M. Duggar.....	do.....	100.30
	J. B. Evans.....	do.....	50.00
	L. A. Fitz.....	do.....	50.00
	Perley Spaulding.....	do.....	80.90
	F. W. Faurot.....	do.....	60.00
	Total second quarter.....		3,218.85
1904.			
Jan. 14	E. W. Churchill.....	Expenses.....	159.86
	Total, third quarter.....		159.86
	Supplemental.....		
Aug. 23	Indian Head Plantation (Incorporated).....	Cultivating tobacco.....	800.00

RECAPITULATION.

Fourth quarter, 1903.....	\$116.47
Fourth quarter, 1904.....	119.71
Second quarter.....	3,218.85
Third quarter.....	159.86
Supplemental.....	800.00
Total.....	4,414.89

POMOLOGICAL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 25	South Side Manufacturing Co.....	Fruit boxes.....	\$68.00
31	G. B. Brackett et al.....	Salaries.....	1,874.28
Aug. 1	G. H. Powell.....	Traveling expenses.....	79.14
3	H. P. Gould.....	do.....	76.27
12	S. H. Fulton.....	do.....	20.20
13	R. P. Andrews & Co. (Incorporated).....	Fruit wraps, etc.....	35.20
	S. H. Fulton.....	Traveling expenses.....	21.47
15	E. Morrison Paper Co.....	Paper clippings.....	2.00
	do.....	Herbarium paper.....	4.50
18	Woodward & Lothrop.....	Water cooler.....	4.87
21	E. J. Pullman.....	Plates.....	3.30
25	G. Harold Powell.....	Traveling expenses.....	41.02
26	Merchants Refrigerator Co. of New York.....	Storage of fruit.....	18.70
31	G. B. Brackett et al.....	Salaries.....	1,936.25
Sept. 3	S. H. Fulton.....	Traveling expenses.....	8.00
5	H. P. Gould.....	do.....	73.57
9	Yawman & Erbe Manufacturing Co.....	Cards.....	3.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

POMOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 10	J. S. Topham.....	Case for electric thermometer....	\$6.00
14	S. H. Fulton.....	Traveling expenses.....	44.59
16	W. A. Taylor.....	Expenses.....	111.63
18	G. H. Powell.....	Traveling expenses.....	52.77
	W. H. Ragan.....	do.....	28.94
	Delano & Moore.....	Photo supplies.....	16.40
	Washington Southern Rwy. Co.....	Passenger transportation.....	18.50
	Norfolk and Washington Steamboat Co.....	do.....	17.50
	Pennsylvania R. R. Co.....	do.....	28.45
	do.....	do.....	15.55
21	W. A. Taylor.....	Expenses.....	16.50
	E. Morrison Paper Co.....	Tags.....	2.00
	W. S. Shutz.....	Repairs to camera.....	.70
19	Southern Rwy. Co.....	Passenger transportation.....	17.50
	Central R. R. Co. of New Jersey.....	do.....	6.50
24	Schneider Bros.....	Psychrometers.....	7.50
	do.....	Cases.....	1.50
	F. L. Bradley.....	Pears.....	111.85
	A. Hoover.....	Apples.....	34.20
	Chas. Hoffman.....	do.....	24.40
30	G. B. Brackett et al.....	Salaries.....	1,926.36
	Total first quarter.....		6,759.36
Oct. 3	G. B. Brackett.....	Traveling expenses.....	27.54
9	Underwood Typewriter Co.....	Typewriter.....	87.50
10	Woodward & Lothrop.....	Desk and screen.....	32.25
	G. Harold Powell.....	Traveling expenses.....	42.73
12	Dulin & Martin Co.....	Bowls and cups.....	1.01
	E. Morrison Paper Co.....	Herbarium paper.....	4.50
	R. P. Andrews & Co. (Incorporated).....	Fruit wraps.....	10.00
14	Church & Stephenson.....	Lumber.....	8.50
21	Yawman & Erbe Manufacturing Co.....	Card section.....	9.00
	do.....	Cards.....	6.55
22	Theodor Leonhard.....	Beeswax.....	13.50
23	E. J. Pullman.....	Prints.....	1.06
27	H. P. Gould.....	Traveling expenses.....	170.40
28	W. B. Moses & Sons.....	Chairs.....	4.00
	W. K. Wonders.....	Traveling expenses.....	57.08
31	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	10.16
	New York Central and Hudson River R. R. Co.....	do.....	18.10
	G. B. Brackett et al.....	Salaries.....	2,012.05
Nov. 4	David Griffiths.....	Salary.....	450.00
5	S. H. Fulton.....	Traveling expenses.....	15.00
	do.....	do.....	59.05
	G. Harold Powell.....	do.....	22.58
13	R. P. Andrews & Co. (Incorporated).....	Fruit wraps.....	46.00
	do.....	do.....	2.40
20	J. G. Elbs.....	Paper.....	13.08
	F. L. Bradley.....	Crates.....	5.05
	The Draper Manufacturing Co.....	Thermometers.....	50.00
	Samuel H. Derby.....	Apples.....	62.00
	G. P. Miller.....	do.....	71.00
	A. A. Boggs.....	do.....	7.50
20	Geo. C. Husmann.....	Traveling expenses.....	281.12
	F. A. Salisbury.....	Apples.....	34.75
	Frank B. Read.....	Fruit wraps, etc.....	17.80
23	W. H. Hart.....	Apples.....	21.00
	Montgomery Door & Box Co.....	Shooks.....	467.90
	Queen & Co. (Incorporated).....	Carbon bisulphide.....	24
	J. H. Hale.....	Fruit.....	232.50
	do.....	Express charges.....	11.90
	Geo. T. Powell.....	Fruit.....	246.00
	do.....	Freight charges.....	4.19
30	G. Harold Powell.....	Traveling expenses.....	40.01
	G. B. Brackett et al.....	Salaries.....	1,948.40
Dec 1	E. J. Pullman.....	Prints.....	1.28
	do.....	do.....	4.30
	Delano & Moore.....	Plates.....	11.09
2	Yawman & Erbe Manufacturing Co.....	Guides.....	16.25
	Fred. L. Bradley.....	Apples.....	18.50
	Western Electric Co.....	Thermometer coils.....	9.00
	do.....	Coils.....	18.50
	John A. Maney.....	Packing fruit.....	3.00
	Eimer & Amend.....	Generators.....	19.50
	Randolph Paper Box Co.....	Cases.....	23.00
3	S. H. Derby.....	Express charges.....	12.58
	H. L. Price.....	do.....	9.23
	O. M. Taylor.....	Packing fruit.....	3.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

POMOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 3	F. M. Soper.....	Apples.....	\$11.00
	G. G. Hitchings.....	do.....	57.98
	T. A. Farrand.....	do.....	4.87
	E. H. Durell.....	Cranberries.....	52.50
	W. T. Mann.....	Apples.....	23.75
5	Giddings & Steele.....	Carpet.....	18.00
8	Southern Rwy. Co.....	Passenger transportation.....	27.50
	do.....	do.....	25.65
	Seaboard Air Line Rwy.....	do.....	14.70
11	The Geo. W. Knox Express Co.....	do.....	1.04
14	Woodward & Lothrop.....	Desk, etc.....	20.92
	S. H. Derby.....	Apples.....	442.00
17	Rudolph, West & Co.....	Drawer pulls.....	14.45
	J. H. Hale.....	Export shipment peaches.....	140.14
18	Central R. R. Co. of New Jersey.....	Passenger transportation.....	6.50
	Lehigh Valley R. R. Co.....	do.....	13.43
	Michigan Central R. R. Co.....	do.....	9.76
	do.....	do.....	11.07
	New York Central and Hudson River R. R. Co.....	do.....	10.25
	Baltimore and Ohio R. R. Co.....	do.....	8.02
21	S. H. Derby.....	Apples.....	106.30
29	Rothwell & Co.....	do.....	12.00
	Yawman & Erbe Manufacturing Co.....	Cards.....	8.75
31	G. B. Brackett et al.....	Salaries.....	2,016.41
	Total second quarter.....		9,817.62
1904.			
Jan. 6	G. Harold Powell.....	Traveling expenses.....	11.20
	S. H. Fulton.....	do.....	11.75
12	The Washington Market Co.....	Storage fruits.....	4.90
15	G. Harold Powell.....	Traveling expenses.....	21.13
16	W. H. Hart.....	Apples.....	49.19
	J. P. Friez.....	Spring.....	8.25
	W. M. Munson.....	Boxes.....	2.80
	Draper Manufacturing Co.....	Thermometers.....	50.00
	Wm. A. Taylor.....	Traveling expenses.....	138.95
	do.....	Expenses.....	26.02
18	Mackall Bros.....	Chemicals.....	1.65
	Adams Express Co.....	Transportation.....	14.00
	Buffalo Cold Storage Co.....	Cartage.....	7.21
	Ellwanger & Barry.....	Pears.....	18.25
	Geo. F. Hall & Son.....	Photos and slides.....	11.00
20	W. K. Wonders.....	Traveling expenses.....	11.60
25	New York Central and Hudson River R. R. Co.....	Passenger transportation.....	17.22
	Morgan's Louisiana and Texas R. R. and Steamship Co.....	do.....	7.10
	The Wabash R. R. Co.....	do.....	7.00
	Pennsylvania R. R. Co.....	do.....	33.95
	do.....	do.....	14.88
	do.....	do.....	43.78
	do.....	do.....	11.20
	Thos. Meehan & Sons (Incorporated).....	Seeds.....	2.49
26	Woodward & Lothrop.....	Clock.....	5.50
27	Lamb & Tilden.....	Wheel for dater, etc.....	2.75
29	Rothwell & Co.....	Storage apples.....	83.63
	Theodor Leonhard.....	Beeswax.....	27.00
	S. H. Fulton.....	Traveling expenses.....	16.85
31	G. B. Brackett et al.....	Salaries.....	2,110.45
Feb. 3	Edw. S. Schmid.....	Labels.....	5.00
4	G. C. Husmann.....	Traveling expenses.....	34.40
9	E. J. Pullman.....	Prints.....	3.04
11	G. Harold Powell.....	Traveling expenses.....	79.02
12	Yawman & Erbe Manufacturing Co.....	Cards.....	10.50
13	W. K. Wonders.....	Traveling expenses.....	16.86
17	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	3.61
18	Pennsylvania R. R. Co.....	do.....	19.50
	Chicago and Alton Rwy. Co.....	do.....	7.50
	S. H. Fulton.....	Traveling expenses.....	15.70
27	Western Union Telegraph Co.....	Telegraph service.....	47.73
Mar. 29	G. B. Brackett et al.....	Salaries.....	1,976.60
5	Yawman & Erbe Manufacturing Co.....	Guides.....	9.00
11	G. Harold Powell.....	Traveling expenses.....	124.79
	Postal Telegraph Cable Co.....	Telegraph service.....	5.43
	Western Cold Storage Co.....	Storage.....	16.71
17	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	17.50
	Houston and Texas Central R. R. Co.....	do.....	7.90
	Gulf, Colorado and Santa Fe Rwy. Co.....	do.....	3.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

POMOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	Pennsylvania R. R. Co.....	Passenger transportation.....	\$26.00
21	Merchants' Refrigerating Co.....	Cartage.....	18.50
22	G. H. Powell.....	Traveling expenses.....	69.95
24	United States Express Co.....	Transportation.....	4.45
29	Draper Manufacturing Co.....	Charts, etc.....	4.62
	The Hammond Typewriter Co.....	Stencil paper.....	5.15
	Barber & Ross.....	Copper wire.....	1.30
31	J. B. Brackett et al.....	Salaries.....	2,119.21
	Total third quarter.....		7,423.57
Apr. 4	S. H. Fulton.....	Traveling expenses.....	14.60
6	G. H. Powell.....	do.....	12.60
12	Western Cold Storage Co.....	Storage.....	12.70
	Schneider Bros.....	Psychrometers.....	10.50
	The Draper Manufacturing Co.....	Thermometers.....	100.00
	Henry J. Green.....	do.....	32.00
	Queen & Co. (Incorporated).....	do.....	12.00
14	Blue Line Transfer Co.....	Transportation.....	7.75
	R. P. Andrews & Co.....	Bags.....	2.34
	W. B. Moses & Sons.....	Shades.....	2.08
18	W. P. Corsa.....	Traveling expenses.....	7.37
	E. Morrison Paper Co.....	Bristol board.....	3.00
	Delano & Moore.....	Photo supplies.....	7.02
19	Julien P. Friez.....	Thermometer supports.....	6.80
20	Pennsylvania R. R. Co.....	Passenger transportation.....	58.30
	do.....	do.....	20.00
	Seaboard Air Line Rwy. Co.....	do.....	25.80
	Washington Southern Rwy. Co.....	do.....	24.35
	Missouri, Kansas and Texas Rwy. Co.....	do.....	3.00
	The Pullman Co.....	do.....	18.00
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	61.50
	Southern California Rwy. Co.....	do.....	3.15
	do.....	do.....	8.55
	Lehigh Valley E. R. Co.....	do.....	7.00
	Georgia R. R.....	do.....	8.58
22	G. H. Powell.....	Traveling expenses.....	13.90
30	G. B. Brackett et al.....	Salaries.....	2,035.34
May 6	Remington Typewriter Co.....	Tabulator.....	18.00
	do.....	Repairs to typewriter.....	6.45
12	J. E. Turton.....	Shelters.....	36.00
13	Jas. S. Topham.....	Camera case.....	10.00
16	S. H. Derby.....	Peaches.....	13.60
18	Pennsylvania Co.....	Passenger transportation.....	17.50
26	Baltimore and Ohio R. R. Co.....	Transportation.....	.95
	D. D. Black.....	Lemons.....	2.63
27	G. H. Powell.....	Traveling expenses.....	17.16
	do.....	do.....	9.75
	Isaac Clinkett.....	Salary.....	34.50
	G. B. Brackett et al.....	Salaries.....	2,137.70
June 2	M. B. Waite.....	Peaches.....	20.00
3	Merchants' Refrigerating Co.....	Storage.....	74.00
	The Fred. Macey Co.....	Sections.....	28.00
	Theo. Leonhard.....	Beeswax.....	27.00
	Jas. B. Lambie Co.....	Hardware.....	3.49
	Densmore Typewriter Co.....	Repairs to typewriter.....	7.50
	Delano & Moore.....	Supplies.....	8.71
	Buffalo Cold Storage Co.....	Freight.....	31.74
	Adams Express Co.....	Transportation.....	2.05
	do.....	do.....	4.80
	do.....	do.....	5.60
	do.....	do.....	3.55
	do.....	do.....	1.50
	do.....	do.....	3.55
	G. P. Miller.....	Apples.....	19.00
	do.....	do.....	54.14
	do.....	do.....	2.75
	United States Express Co.....	Transportation.....	1.00
	Yawman & Erbe Manufacturing Co.....	Cases.....	11.25
	Woodward & Lothrop.....	Cotton.....	.90
6	Western Union Telegraph Co.....	Service.....	8.19
8	H. P. Gould.....	Traveling expenses.....	66.32
	W. K. Wonders.....	do.....	30.75
20	Julien P. Friez.....	Thermographs.....	150.00
24	Geo. C. Husmann.....	Traveling expenses.....	214.13
27	G. H. Powell.....	do.....	27.82
29	Dulin & Martin.....	Dishes.....	1.29
	R. L. Anderson.....	Berries.....	65.12
	Delano & Moore.....	Photo supplies.....	7.28
	C. A. Muddiman & Co.....	Gas range.....	3.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

POMOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 29	The Draper Manufacturing Co.....	Charts.....	\$9.00
	Merchants' Refrigerating Co.....	Storage, etc.....	97.90
	Fabian Garcia.....	Specimens.....	13.90
June 30	Isaac Clinkett.....	Salary.....	39.00
	G. B. Brackett et al.....	Salaries.....	2,342.97
	Total fourth quarter		8,210.32
	<i>Supplemental.</i>		
July 2	David Griffith.....	Salary.....	148.30
	S. H. Fulton.....	Traveling expenses.....	9.72
	Geo. C. Husmann.....	do.....	33.25
6	H. P. Gould.....	do.....	1.10
	do.....	do.....	62.56
9	W. A. Taylor.....	Expenses.....	60.83
14	G. H. Powell.....	Traveling expenses.....	24.22
18	W. S. Sheetz.....	Photo supplies.....	49.45
	Jas. S. Topham.....	Camera, etc.....	10.00
	Western Union Telegraph Co.....	Service.....	.40
19	J. G. Elbs.....	Boards.....	13.76
	J. P. Friez.....	Thermograph forms.....	4.50
	The Fred. Macey Co. (Limited).....	Cases.....	28.00
	do.....	do.....	30.50
	do.....	do.....	48.50
	Rueckheim Bros. & Erksstein.....	Paraffin paper.....	4.50
20	R. P. Andrews & Co. (Incorporated).....	Fruit wraps.....	21.00
	R. L. Anderson.....	Raspberries.....	16.64
	Jno. K. Brown.....	do.....	5.44
	J. A. McDonald & Co.....	Lathes.....	22.25
	Geo. F. Muth & Co.....	Plaster.....	2.50
	Woodward & Lothrop.....	Desk, etc.....	63.69
	Jas. Ward.....	Cherries.....	13.00
	G. T. Wade.....	Raspberries.....	33.60
	do.....	Strawberries.....	28.80
23	C. W. Nichols.....	Shooks.....	121.00
	Pennsylvania R. R. Co.....	Passenger transportation.....	32.30
	do.....	do.....	20.00
	do.....	do.....	22.40
	Washington Southern Rwy. Co.....	do.....	24.35
30	Lehigh Valley R. R. Co.....	do.....	9.33
Aug. 1	S. H. Fulton.....	Traveling expenses.....	12.05
	Geo. C. Husmann.....	Expenses.....	29.71
2	P. H. Rolfs.....	do.....	7.50
3	R. Harris & Co.....	Pitcher.....	7.00
	Potomac Electric Power Co.....	Lamps.....	9.60
	National Electric Supply Co.....	Shade holder.....	1.00
	M. Du Perow.....	Supplies.....	24.88
	E. G. Shafer & Co.....	Material.....	19.73
	W. H. Dyer.....	Supplies.....	7.50
	W. B. Moses & Sons.....	File case.....	16.50
4	South Side Manufacturing Co.....	Panel-end carriers.....	82.50
16	Clark & Davenport.....	Bookcase.....	19.75
	do.....	Linoleum.....	344.52
	do.....	Rubber.....	35.00
	Delano & Moore.....	Supplies.....	41.11
	do.....	do.....	104.02
17	Barber & Ross.....	Chest handles.....	.45
	F. C. Bancroft.....	Transportation.....	26.67
	J. H. Bunnell & Co.....	Electric supplies.....	16.00
	Delano & Moore.....	Supplies.....	25.20
	Geo. F. Muth & Co.....	Paint.....	.60
	Woodward & Lothrop.....	Screens.....	134.40
18	J. G. Elbs.....	Corrugated board.....	34.40
	The Hale Georgia Orchard Co.....	Express charges.....	68.86
	Mullen Bros. Paper Co.....	Berry boxes.....	2.25
	C. W. Nichols.....	Fruit boxes.....	487.50
	Yawman & Erbe Manufacturing Co.....	Sections.....	45.25
	do.....	do.....	19.00
	do.....	do.....	18.75
	Estate of F. B. Read.....	Peach cushion.....	10.00
	do.....	Paper stripes.....	2.70
26	The Okonite Co. (Limited).....	Wire.....	22.50
29	Western Union Telegraph Co.....	Service.....	1.17
	California Fine Fruit Co.....	Fillers, etc.....	36.00
	do.....	do.....	207.76
	W. Silas Sheetz.....	Laboratory stand.....	48.00
	Thos. Somerville & Sons.....	Pipe, etc.....	71.67

226 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

POMOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Aug. 29	United States Express Co.....	Transportation.....	\$6.45
	do.....	do.....	2.30
	Washington Market Co.....	Cold storage.....	56.95
	Woodruff Manufacturing Co.....	Herbarium cases.....	156.00
	Yawman & Erbe Manufacturing Co.....	Sections.....	40.00
Sept. 7	H. von Luttichan.....	Expenses.....	50.00
19	Pennsylvania R. R. Co.....	Passenger transportation.....	7.80
	Baltimore and Ohio R. R. Co.....	do.....	77.00
	do.....	do.....	31.50
	The Pullman Co.....	do.....	23.00
	do.....	do.....	5.50
	Southern R. R. Co.....	do.....	17.50
	Seaboard Air Line Rwy. Co.....	do.....	15.25
	Central of Georgia R. R. Co.....	do.....	3.16
	Terre Haute and Indianapolis R. R. Co.....	do.....	19.25
20	Theo. Leonhard.....	Beeswax.....	27.00
	Adams Express Co.....	Transportation.....	6.85
	do.....	do.....	.80
	do.....	do.....	9.04
	Western Union Telegraph Co.....	Service.....	1.76
	Yawman & Erbe Manufacturing Co.....	Cards.....	30.00
	do.....	Section and base.....	51.25
	Columbia Art Glass and Mirror Works.....	Mirrors.....	14.00
	C. Engle's Sons.....	Oranges.....	1.30
	The Hale Georgia Orchard Co.....	Peaches.....	313.50
24	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	11.75
	H. von Luttichan.....	Expenses.....	42.40
	Total.....		4,028.75

RECAPITULATION.

First quarter.....	\$6,759.36
Second quarter.....	9,817.62
Third quarter.....	7,423.57
Fourth quarter.....	8,210.32
Supplemental.....	4,028.75
Total.....	36,239.62

POMOLOGICAL INVESTIGATIONS—PAID BY TREASURY.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 14	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	\$81.58
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	9.50
15	Southern Pacific Co.....	do.....	3.00
Feb. 17	do.....	do.....	62.45
	do.....	do.....	2.65
	Total.....		159.18

BOTANICAL INVESTIGATIONS AND EXPERIMENTS.

1903.			
July 15	G. W. Moss.....	Passenger transportation.....	\$118.35
29	Edw. Palmer.....	Botanical specimens.....	167.60
31	F. V. Coville et al.....	Salaries.....	3,112.63
Aug. 14	F. V. Coville.....	Traveling expenses.....	61.41
17	John Chatillon & Sons.....	Balances.....	3.03
	Merek & Co.....	Chemicals.....	23.50
20	Delano & Moore.....	Photo. supplies.....	202.31
21	James S. Topham.....	Brief case.....	8.00
	M. Lindsay Rubber Co.....	Boots.....	4.50
	Capital Traction Co.....	240 car tickets.....	10.00
	do.....	120 car tickets.....	5.00
	K. Kneessi's Sons.....	Satchel.....	2.50
	do.....	Trunk.....	8.00
	Washington Wood-Working Co.....	Molding.....	1.00
	M. G. Copeland Co.....	Awnings.....	15.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 21	American Writing Machine Co.	Paper.	\$28.50
	Conrad Becker.	Oiling saddles.	1.50
25	Bausch & Lomb Optical Co.	Field glass.	30.00
	Eimer & Amend.	Cork borers.	15.65
	do.	Weights.	12.80
	Rudolph, West & Co.	Hinges, etc.	12.00
	Mackall Bros.	Carboy, etc.	2.26
26	W. W. Rowlee.	Negatives, etc.	16.80
	Carrie Stake.	Cloth sacks.	8.00
	Fred. C. White.	Demijohns.	20.00
27	Jas. B. Lambie.	Brooms.	3.18
	do.	Glue.	2.50
	W. B. Moses & Sons.	Chair.	3.75
	E. G. Schafer & Co.	Pipe, etc.	13.31
	do.	Tees.	12.34
31	F. V. Coville et al.	Salaries.	3,116.73
Sept. 3	L. H. Dewey.	Traveling.	117.17
4	D. C. Paper Manufacturing Co.	Blotting paper.	9.00
	Washington Gaslight Co.	Gas.	5.10
	Potomac Electric Power Co.	Electric current.	22.60
10	Union Envelope Co.	Envelopes.	20.85
	U. S. Envelope Co.	do.	8.00
	Mallinckrodt Chemical Works.	Chemicals.	4.22
	Hugh Reilly.	Ground glasses.	2.75
	T. R. Riley.	Laths.	1.98
	Barber & Ross.	Elbow catches.	1.80
	Queen & Co. (Incorporated).	Chemicals.	1.20
	Whitall, Tatum Co.	Spatulas, etc. ....	.84
	J. B. Lambie Co. (Incorporated).	Brads. ....	.24
	Carrie Stake.	Sacks.	20.85
	Woodward & Lothrop.	Stand.	5.00
	Z. D. Gilman.	Chemicals, etc.	4.95
	The M. Lindsay Rubber Co.	Boots.	4.50
	E. Morrison Paper Co.	Fountain pen.	5.00
	Henry Hell Chemical Co.	Vaseline, etc. ....	.99
	Rudolph, West & Co.	Tape measure. ....	.90
	E. G. Schafer & Co.	Gas hose cocks. ....	.67
11	H. S. Conard.	Notes on plants.	60.00
	Woodruff Manufacturing Co.	Sections.	26.00
	C. D. Brereton.	Making prints.	20.00
	Lamb & Tilden.	Numbering machine.	13.72
	Seabury & Johnson.	Isinglass.	7.50
	Jno. Chatillon & Sons.	Balances.	3.03
	C. V. Grant.	Traveling expenses.	89.23
14	E. V. Wilcox.	do.	115.15
	W. O. Richtmann.	do.	57.41
18	E. Brown.	do.	20.90
	Delano & Moore.	Photo. supplies.	52.25
	Pennsylvania R. R. Co.	Passenger transportation.	21.00
21	Ballantyne & Sons.	Fountain pen.	3.50
	Church & Stephenson.	Lumber.	119.70
	do.	do.	3.52
	Thos. Somerville & Sons.	Nipples, etc.	13.68
	do.	Valves, etc.	4.01
	Library Bureau.	Cards.	2.25
	C. D. Brereton.	Making prints.	15.00
22	R. H. True.	Traveling expenses.	89.86
24	Z. D. Gilman.	Rubber gloves, etc.	4.45
	Eimer & Amend.	Chemicals.	3.52
30	F. V. Coville et al.	Salaries.	2,968.23
	Total first quarter.		10,995.42
Oct. 2	S. C. Scofield.	Salary.	146.80
3	Delano & Moore.	Photo. supplies.	10.99
6	H. T. Marshall.	Salary.	125.00
10	Potomac Electric Power Co.	Electric current.	17.32
	Washington Gaslight Co.	Gas.	2.80
	do.	do.	4.30
	Potomac Electrical Power Co.	Electric current.	16.99
	Z. D. Gilman.	Tubing.	1.92
	Woodruff Manufacturing Co.	Cards and folders.	10.25
	Ernest Betz.	Repairing case. ....	.50
12	Barber & Ross.	Scale.	9.62
	Chas. R. Edmonston.	Spittoons.	2.50
	do.	Jars.	6.60
	E. Morrison Paper Co.	Memorandum books.	2.00
	Yawman & Erbe Manufacturing Co.	Cards.	1.75
	F. W. Bolgiano & Co.	Peas. ....	.35

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 12	Brentanos.....	Ink.....	\$1.50
	Johnson Bros.....	Wood.....	2.74
	The Mathy Co. (Incorporated).....	Tin boxes.....	12.00
14	Henry J. Green.....	Thermometer.....	3.50
	Thos. Somerville & Sons.....	Sinks, etc.....	22.70
	Fred. A. Schmidt.....	Drawing paper.....	6.90
	do.....	do.....	3.50
	Fred. Carl.....	Making motor gear.....	6.00
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	2.50
	Delano & Moore.....	Photo. supplies.....	62.63
21	Mallinckrodt Chemical Works.....	Sodium.....	2.00
	Bausch & Lomb Optical Co.....	Triplet.....	5.36
22	C. E. Brereton.....	Bromide prints.....	25.00
	do.....	do.....	7.00
	Williams, Brown & Earle.....	Meter.....	.45
23	Vermont Farm Machine Co.....	Fruit drier.....	86.25
	Edgar Brown.....	Traveling expenses.....	10.60
31	Oregon Short Line R. R. Co.....	Passenger transportation.....	7.60
	The Chesapeake and Ohio Rwy. Co.....	do.....	136.85
	Baltimore and Ohio R. R. Co.....	do.....	25.00
	International Merchant Marine Co.....	do.....	100.00
	Thos. Cook & Son.....	do.....	129.20
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	7.50
	Southern Rwy. Co.....	do.....	18.80
	F. V. Coville et al.....	Salaries.....	3,032.22
Nov 3	H. T. Marshall.....	Salary.....	125.00
	C. S. Scofield.....	do.....	151.60
4	E. Brown.....	Expenses.....	52.16
13	District of Columbia Manufacturing Co.....	Blotting paper.....	9.00
14	W. O. Richtmann.....	Traveling expenses.....	75.91
18	R. H. True.....	Expenses.....	4.18
	do.....	Traveling expenses.....	3.15
	do.....	do.....	10.80
20	Robert Smith Printing Co.....	Scrap books.....	8.00
21	Mackall Bros.....	Chemicals.....	3.86
	do.....	do.....	11.19
23	Carrie Stake.....	Sacks.....	9.25
	Bausch & Lomb Optical Co.....	Laboratory supplies.....	235.98
27	C. S. Scofield.....	Traveling expenses.....	5.90
30	Harry T. Marshall.....	do.....	117.89
	F. V. Coville et al.....	Salaries.....	2,888.53
Dec. 1	D. of C. Paper Manufacturing Co.....	Blotting paper.....	9.00
	F. W. Bolgiano & Co.....	Boxes, etc.....	26.00
	M. Du Perow.....	Plugs.....	1.20
	Remington Typewriter Co.....	Card attachment.....	2.45
	Z. D. Gilman.....	Apparatus.....	5.70
	Potomac Electric Power Co.....	Electric current.....	17.35
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.65
	Clarke & Davenport.....	Linoleum.....	23.75
	Wm. Ballantyne & Son.....	Pen, etc.....	2.95
	Densmore Typewriter Co.....	Repairs.....	5.31
	James B. Lambie Co. (Incorporated).....	Hardware.....	2.12
	Washington Gaslight Co.....	Gas.....	6.80
	E. Morrison Paper Co.....	Paper.....	3.20
	Thos. Somerville & Sons.....	Brackets.....	.80
	do.....	Camera.....	28.00
	do.....	Photo. supplies.....	64.04
	E. G. Schafer & Co.....	Plumbers' supplies.....	1.71
2	H. H. Ballard.....	Keys.....	.40
	Queen & Co. (Incorporated).....	Tubes, etc.....	.40
	Library Bureau.....	Pamphlet cases.....	7.80
	Whitall, Tatum Co.....	Jars, etc.....	13.75
	Hubbard Heating Co.....	Diaphragm.....	1.00
	Joseph Di Giorgio & Co.....	Bananas.....	1.25
	L. Johnson.....	Caning chairs.....	1.70
	Fred. A. Schmidt.....	Pencils.....	1.90
	John B. Espey.....	Cans.....	2.35
	The Mathy Co. (Incorporated).....	Tin boxes.....	34.00
	C. E. Brereton.....	Prints.....	5.28
	Philip G. Affleck.....	Lime.....	1.50
	Theodor Holm.....	Drawings.....	15.00
	Bausch & Lomb Optical Co.....	Forceps.....	4.80
	do.....	Grinding razor.....	.50
	Randolph Paper Box Co.....	Cases.....	9.75
5	Harry T. Marshall.....	Traveling expenses.....	107.43
7	Edgar Brown.....	do.....	26.00
8	C. S. Scofield.....	Salary.....	146.80
	Union Pacific R. R. Co.....	Passenger transportation.....	32.30
	Atlantic Coast Line R. R. Co.....	do.....	6.35
	Boston and Maine R. R.....	do.....	6.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 8	Southern Rwy. Co.....	Passenger transportation.....	\$20.25
	Pennsylvania R. R. Co.....	do.....	28.20
	Champlain Transportation Co.....	do.....	13.50
	Northern Pacific Rwy. Co.....	do.....	58.00
10	R. P. Andrews & Co. (Incorporated).....	Envelopes.....	4.37
	Ivar Tidestrom.....	Traveling expenses.....	7.25
11	Z. D. Gilman.....	Slides.....	.83
	Rudolph, West & Co.....	Hardware.....	9.07
	The Geo. W. Knox Express Co.....	Transportation.....	.75
	E. Morrison Paper Co.....	Paper.....	4.48
14	Woodward & Lothrop.....	Wringer.....	2.50
	do.....	Jars.....	13.50
15	J. W. T. Duvel.....	Traveling expenses.....	173.29
16	The Chas. Wilms Surgical Institute Co.....	Sharpening tools.....	3.90
17	Eimer & Amend.....	Sieve.....	1.00
	Henry Heil Chemical Co.....	Sodium.....	.95
18	Denver and Rio Grande R. R. Co.....	Transportation.....	42.40
	do.....	Passenger transportation.....	10.00
	Great Northern Rwy. Co.....	do.....	35.25
	Michigan Central R. R. Co.....	do.....	7.56
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	do.....	12.00
	Chicago and Northwestern Rwy. Co.....	do.....	4.00
	do.....	do.....	8.00
	Chicago and Alton Rwy. Co.....	do.....	3.75
	Oregon Short Line R. R. Co.....	do.....	33.10
	do.....	do.....	26.55
	do.....	do.....	59.80
	Norfolk and Washington, D. C., Steamboat Co.....	do.....	8.00
	Rutland R. R. Co.....	do.....	14.13
19	Church & Stephenson.....	Lumber.....	12.55
21	Delano & Moore.....	Photo. supplies.....	20.87
	Bausch & Lomb Optical Co.....	Triplet.....	5.25
28	L. H. Dewey.....	Traveling expenses.....	17.70
29	Cambridge Botanical Supply Co.....	Label holders.....	1.61
	Mallinckrodt Chemical Works.....	Chemicals.....	2.00
	Mackall Bros.....	do.....	10.10
	F. V. Coville et al.....	Salaries.....	2,956.13
	Total second quarter.....		12,060.27
1904.			
Jan. 2	C. S. Scofield.....	Salary.....	151.60
5	C. J. Brand.....	do.....	13.04
6	Harry A. Marshall.....	Traveling expenses.....	1.50
	Edgar Brown.....	do.....	14.86
7	Washington Gaslight Co.....	Gas.....	13.40
	Potomac Electric Power Co.....	Current.....	28.20
	Jno. C. Parker.....	Clips, etc.....	8.50
	Guy N. Collins.....	Traveling expenses.....	10.70
16	Herman Kohlbusch.....	Aluminum.....	2.44
	Henry Heil Chemical Co.....	Pipettes, etc.....	.83
	Edgar Brown.....	Expenses.....	101.52
	do.....	do.....	23.64
	V. K. Chesnut.....	Traveling expenses.....	2.70
	F. J. Tyler.....	do.....	30.85
18	Barber & Ross.....	Pitcher and basin.....	1.04
	Delano & Moore.....	Supplies.....	36.76
	Z. D. Gilman.....	Lactic acid.....	1.00
	W. B. Moses & Sons.....	Chairs.....	16.35
	Lansburgh Bros.....	Cloth.....	3.75
19	Rochester Optical Co.....	Repairs to camera.....	.75
	Arthur H. Thomas Co.....	Circles.....	.60
	Queen & Co. (Incorporated).....	Chemicals, etc.....	9.58
21	W. W. Stockberger.....	Traveling expenses.....	8.49
25	Northern Pacific Rwy. Co.....	Passenger transportation.....	4.30
	New York, New Haven and Hartford R. R. Co.....	do.....	16.30
	Burlington and Missouri River R. R.....	do.....	11.90
	Pennsylvania Co.....	do.....	8.50
	Washington Southern Rwy. Co.....	do.....	47.50
	Norfolk and Southern Rwy. Co.....	do.....	2.50
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	do.....	8.00
	Pennsylvania R. R. Co.....	do.....	24.98
	do.....	do.....	17.00
	do.....	do.....	6.50
	American Electric Co.....	Heater.....	6.75
	Folmer & Schwing Manufacturing Co.....	Lenses, etc.....	69.00
26	Jas. S. Topham.....	Repairing case.....	1.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 26	F. P. May & Co.....	Coffee mill.....	\$3.50
	W. H. Lowdermilk & Co.....	Books.....	15.25
	Woodward & Lothrop.....	Chairs.....	5.70
	Parke, Davis & Co.....	Chemicals.....	2.55
	R. F. Metzell.....	Repairing tubes.....	6.50
	Merck & Co.....	Chemicals.....	9.39
	United States Bottlers Supply Co.....	Cases.....	4.75
	Adams Express Co.....	Transportation.....	68.68
27	W. F. Wight.....	Traveling expenses.....	333.70
	W. B. Moses & Sons.....	Table, etc.....	7.40
	E. Morrison Paper Co.....	Paper.....	2.24
	Remington Typewriter Co.....	Erasing shields.....	.45
	The G. W. Knox Express Co.....	Transportation.....	3.37
	Potomac Electric Power Co.....	Current.....	38.33
29	Bausch & Lomb Optical Co.....	Jars, etc.....	24.18
	E. G. Schafer & Co.....	Radiators.....	10.50
	Mackall Bros.....	Jars, etc.....	13.12
31	F. V. Coville et al.....	Salaries.....	3,300.17
Feb. 1	C. S. Scofield.....	Salary.....	153.30
2	V. K. Chesnut.....	Expenses.....	11.52
3	Washington Gaslight Co.....	Gas.....	10.00
	The Mathy Co. (Incorporated).....	Tin boxes.....	34.00
	The G. W. Knox Express Co.....	Transportation.....	2.00
	Harris & Shafer Co.....	Repairs to clock.....	1.60
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	12.50
9	J. Baumgarten & Sons.....	Dater.....	1.80
	Wm. Ballantyne & Son.....	Pen.....	2.50
	Garges Pharmacies.....	Roach food.....	.75
	Fred A. Schmidt.....	Rulers.....	1.05
	Geo. F. Muth & Co.....	Ink.....	2.00
12	Seabury & Johnson.....	Isinglass.....	7.50
	Whitall, Tatum & Co.....	Bottles.....	17.16
17	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	46.40
18	Illinois Central R. R. Co.....	do.....	2.83
	Pennsylvania R. R. Co.....	do.....	25.65
23	Yawman & Erbe Manufacturing Co.....	Cupboard.....	7.00
	Whitall, Tatum & Co.....	Bottles.....	9.66
	Sharp & Dohme.....	Apparatus.....	30.00
	Merck & Co.....	Chemicals.....	5.87
	Kellogg Switchboard and Supply Co.....	Desk set.....	11.25
	Eastman Kodak Co.....	Apron for machine.....	1.65
24	Rudolph, West & Co.....	Shovel.....	.88
	Woodward & Lothrop.....	Jars.....	6.00
	Jas. B. Lambie Co.....	Cotton waste.....	7.75
	Potomac Electric Power Co.....	Current.....	39.08
	Lamb & Tilden.....	Dater and racks.....	3.75
	Washington Gaslight Co.....	Gas.....	13.10
27	W. O. Richtman.....	Traveling expenses.....	4.20
	Western Union Telegraph Co.....	Service.....	4.08
29	F. V. Coville et al.....	Salaries.....	2,908.20
Mar. 1	C. S. Scofield.....	Salary.....	143.40
2	E. W. Claggett.....	do.....	3.87
3	Thos. Somerville & Sons.....	Radiator, etc.....	19.17
	J. S. Topham.....	Trunk.....	14.00
	C. E. Bereton.....	Prints.....	4.50
	Clark & Davenport.....	Screen.....	2.25
	Delano & Moore.....	Phone supplies.....	47.32
	The Geo. W. Knox Express Co.....	Transportation.....	.50
	S. Kann's Sons & Co.....	Canton flannel.....	5.45
4	American Writing Machine Co.....	Paper.....	47.50
	B. F. Bush.....	Seeds.....	10.80
	Eimer & Amend.....	Battery jars.....	8.65
	H. Lindemeyer & Sons.....	Paper.....	7.15
	Henry Heil Chemical Co.....	Beakers, etc.....	5.75
	Emil Greiner.....	Dishes, etc.....	7.30
5	W. A. Cannon.....	Seeds.....	6.00
	P. H. Hertzog.....	do.....	60.00
	Library Bureau.....	Cards, etc.....	26.50
	The Okonite Co. (Limited).....	Wire.....	3.15
	Queen & Co. (Incorporated).....	Alcohol.....	6.25
	F. J. Sloane & Co.....	Repairing microscope.....	15.00
	The Smith Premier Typewriter Co.....	Repairing typewriter.....	7.40
	W. L. Steele & Co.....	Hemp seed.....	35.75
	J. M. Thorburn & Co.....	Seeds.....	.20
	Union Envelope Co.....	Envelopes.....	.58
11	J. S. Topham.....	Cases.....	16.50
	Woodruff Manufacturing Co.....	Cases, etc.....	19.75
	Yawman & Erbe Manufacturing Co.....	Sections, etc.....	46.85
	Washington Gaslight Co.....	Gas.....	15.70
	Potomac Electric Power Co.....	Current.....	26.88

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	Church & Stephenson.....	Lumber.....	\$24.10
	Capital Traction Co.....	Tickets.....	2.50
	W. H. Hoeke.....	Sections.....	25.45
	Postal Telegraph Cable Co.....	Service.....	.30
	McCauley & McGill.....	Gas, etc.....	3.00
	The Mathy Co. (Incorporated).....	Copper bath.....	22.00
	E. Morrison Paper Co.....	Memorandum books.....	2.25
	Mackall Bros.....	Jars.....	3.14
	Lenz & Lasson.....	Forceps.....	2.28
	Keuffel & Esser Co.....	Slides rule.....	3.60
	Emil Greiner.....	Balance.....	97.00
	Eimer & Amend.....	Dialysers.....	3.00
	Arthur H. Thomas Co.....	Incubators.....	112.50
	United States Express Co.....	Transportation.....	33.43
17	Chesapeake and Ohio Rwy. Co.....	Passenger transportation.....	19.50
	Chicago and Northwestern Rwy. Co.....	do.....	4.00
	do.....	do.....	13.05
	R. H. True.....	Traveling expenses.....	33.92
	Chicago, Milwaukee and St. Paul Rwy. Co.....	Passenger transportation.....	38.60
18	Pennsylvania R. R. Co.....	do.....	11.00
	do.....	do.....	14.25
19	C. J. Brand.....	Traveling expenses.....	315.92
22	L. H. Dewey.....	do.....	28.01
	W. R. Beattie.....	do.....	88.05
	Delano & Moore.....	Photo supplies.....	129.50
24	C. E. Brereton.....	Prints.....	3.00
	Blue Line Transfer Co.....	Transportation.....	.97
	Fred Carl.....	Photo printing frame.....	10.00
	Church & Stephenson.....	Lumber.....	50.00
	Chas. R. Edmonston.....	Bougies for filter.....	2.00
	The Geo. W. Knox Express Co.....	Transportation.....	6.76
	Lehn & Fink.....	Senna pods, etc.....	1.54
	Library Bureau.....	Office furniture.....	41.95
	United States Envelope Co.....	Envelopes.....	5.00
	Wallace Bros. Co.....	Mistletoe.....	4.00
28	W. W. Tracy, jr.....	Expenses.....	21.03
31	C. S. Scofield.....	Salary.....	153.30
	F. A. Walpole.....	do.....	127.70
	F. V. Coville et al.....	Salaries.....	2,995.09
	Total third quarter.....		13,097.97
Apr. 6	E. Brown.....	Expenses.....	24.90
	R. H. True.....	do.....	4.97
7	A. C. Crawford.....	Traveling expenses.....	25.11
9	Standard Oil Co.....	Gasoline.....	8.66
	Ernest Betz.....	Tinning.....	19.00
	Underwood Typewriter Co.....	Typewriter.....	87.50
11	Edgar Brown.....	Expenses.....	14.42
	Bausch & Lomb Optical Co.....	Triplet.....	5.35
	Havelock Cordage Co.....	Breaking hemp.....	10.35
	Folmer & Schwing Manufacturing Co.....	Repairs.....	3.75
12	Whitall, Tatum & Co.....	Tubes.....	2.00
	C. H. Stoelting & Co.....	Burette stand.....	1.55
	Thos. Meehan & Sons.....	Seeds.....	15.01
	Chas. Newhaus & Co.....	Tube.....	1.13
	New York Botanical Gardens.....	Book.....	2.00
	The Peerless Electric Co.....	Motor.....	11.50
	Parke, Davis & Co.....	Semen Psylli.....	1.20
13	W. O. Richtmann.....	Traveling expenses.....	6.35
14	Berry Hill Mineral Water Co.....	Carboys.....	10.00
	Philip G. Affleck.....	Chloride lime.....	1.50
	Conrad Becker.....	Straps.....	15.60
	Barber & Ross.....	Shovel, etc.....	1.75
	A. H. Baldwin.....	Drawings.....	6.00
	M. G. Copeland Co.....	Flag.....	3.41
	Fred Carl.....	Cogwheel.....	2.50
	M. Du Perow.....	Tape.....	1.00
	The Mathy Co. (Incorporated).....	Tubing.....	.83
	The M. Lindsay Rubber Co.....	Boots.....	10.50
	The G. W. Knox Express Co.....	Transportation.....	6.59
	Z. D. Gilman.....	Tubing, etc.....	14.61
	L. S. Depue.....	Hay and salt.....	20.50
	W. H. Dyer.....	Stakes.....	10.00
	E. S. Schmid.....	Rabbits, etc.....	2.00
	Potomac Electric Power Co.....	Current.....	16.91
	Underwood Typewriter Co.....	Repairs.....	7.50
	Woodward & Lothrop.....	Soap.....	3.98
	Washington Gaslight Co.....	Gas.....	14.70

232 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 14	Mackall Bros.	Corks.	\$0.16
	do.	Beakers, etc.	3.70
	W. B. Moses & Sons.	Chairs.	8.74
16	T. B. Young.	Traveling expenses.	15.75
18	Postal Telegraph Cable Co.	Service.	.20
	Thos. W. Smith.	Pressing frames.	8.50
	Delano & Moore.	Photo supplies.	169.67
19	Torsion Balance Co.	Repairs.	2.10
	Mallinckrodt Chemical Works.	Sodium.	2.00
	Queen & Co. (Incorporated).	Alcohol.	5.00
	W. A. Cannon.	Seed.	4.85
	H. H. Fisher.	do.	5.00
	Lemcke & Buchner.	Book.	4.80
	United States Envelope Co.	Envelopes.	4.61
	H. T. Marshall.	Salary.	125.00
	Eimer & Amend.	Chemicals.	12.99
20	Southern California Rwy. Co.	Passenger transportation.	3.85
	The Chicago, Burlington and Quincy Rwy. Co.	do.	16.00
	Chicago, Milwaukee and St. Paul Co.	do.	27.50
	do.	do.	33.50
	The Wabash R. R. Co.	do.	13.84
	Southern Rwy. Co.	do.	21.10
	Washington-Southern Rwy. Co.	do.	40.00
	Michigan Central R. R. Co.	do.	3.40
	do.	do.	3.40
	Pennsylvania R. R. Co.	do.	6.00
	The Lake Shore and Michigan Southern Rwy. Co.	do.	7.22
	do.	do.	4.50
21	F. A. Walpole.	Traveling expenses.	129.83
	Clark & Davenport.	Linoleum.	87.12
22	Chicago, Rock Island and Pacific Rwy. Co.	Passenger transportation.	67.60
25	C. J. Brand.	Traveling expenses.	87.73
29	L. H. Dewey.	do.	85.56
	G. N. Collins.	do.	16.85
	Henry Heil Chemical Co.	Cylinders.	5.25
30	Somerville Bean.	Salary.	39.00
	F. V. Coville et al.	Salaries.	2,827.85
May 2	C. S. Scofield.	Salary.	148.30
	F. A. Walpole.	do.	123.60
	Edward Palmer.	Negatives.	20.00
	V. K. Chestnut.	Salary.	24.70
4	Henry J. Green.	Thermometers.	7.50
	Folmer & Schwing Manufacturing Co.	Repairs to camera.	6.75
	Emil Greiner.	Graduate.	2.85
	J. H. Bunnell & Co.	Electric supplies.	3.24
	Bausch & Lomb Optical Co.	Hydrometer.	4.48
	Alice Eastwood.	Mistletoe.	1.00
	Challenge Windmill and Feed Mill Co.	Mill, etc.	43.05
	H. C. Davison Co.	Paper.	10.80
6	Whitall Tatum Co.	Flasks, etc.	9.69
	J. M. Thorburn Co.	Seeds.	26.15
	Jno. M. Snyder.	Apparatus.	9.35
	A. C. Rowe.	Fire extinguishers.	24.00
	Francis Miller.	Glass.	.72
	Mallinckrodt Chemical Works.	Chemicals.	7.57
	Remington Typewriter Co.	Typewriter, etc.	91.20
	Queen & Co. (Incorporated).	Dishes.	3.71
	do.	Spirits.	6.00
	The Peerless Electric Co.	Motor.	9.00
	Mallinckrodt Chemical Works.	Chemicals.	2.00
9	Delano & Moore.	Photo supplies.	80.08
	O. F. Cook.	Salary.	206.00
12	Brentanos (Incorporated).	Pen.	3.00
	W. H. Dyer.	Doors.	13.00
13	E. G. Schafer & Co.	Valves.	50.36
	W. S. Sheets.	Tripod.	4.00
	Western Union Telegraph Co.	Service.	3.24
	Thos. Somerville & Sons.	Pipe.	12.98
	Conrad Becker.	Crupper.	2.25
	The Chesapeake and Potomac Telephone Co.	Service.	12.50
	The Geo. W. Knox Express Co.	Transportation.	3.84
	Blue Line Transfer Co.	do.	.72
18	Illinois Central R. R. Co.	Passenger transportation.	7.66
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	8.00
	Washington Southern Rwy. Co.	do.	12.15
	Chicago and Northwestern Rwy. Co.	do.	4.10
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do.	8.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 18	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	Passenger transportation.....	\$50.82
	do.	do.	20.00
	Chicago and Alton Rwy. Co.	do.	5.75
	Seaboard Air Line Rwy. Co.	do.	7.05
	The Wabash Rwy. Co.	do.	10.42
24	Edgar Brown	Traveling expenses	13.15
	do.	do.	12.50
25	Delano & Moore	Photo. supplies	31.14
26	Brentanos	do.	1.50
	Ernest Betz	Calendar	2.00
	J. Bishop & Co.	Tin boxes	7.73
	Barber & Ross	Platinum spatula	1.10
31	F. V. Coville et al.	Salaries	3,177.93
June 2	Harry Marshall	Salary	125.00
	O. F. Cook	do.	213.00
	V. K. Chesnut	do.	25.60
	S. C. Scofield	do.	153.40
3	R. F. Metzel	Repairs	3.00
	E. Morrison Paper Co.	Paper	2.80
	do.	Covers	4.90
	do.	Paper	2.25
	W. B. Moses & Sons	Shades	2.16
	The Maurice Joyce Engraving Co.	Etchings	.75
	Folmer & Schwing Manufacturing Co.	Camera, etc.	91.40
	R. & J. Farquhar & Co.	Camonilla, etc.	28.90
	Encina Publishing Co.	Books	2.85
	Draper Manufacturing Co.	Charts	1.50
	D. C. Paper Manufacturing Co.	Plant dryer	14.40
	W. H. Dyer	Stakes	5.00
	R. P. Clarke & Co.	Muslin, etc.	9.30
	do.	do.	1.44
	California Academy of Sciences	Catalogue	3.00
	Nixon Brewer	Care of horse	3.90
	W. At Lee Burpee & Co.	Sage plants, etc.	11.03
	F. W. Balgiano & Co.	Harness (wagon)	28.50
	Bausch & Lomb Optical Co.	Lens paper	.44
	Randolph Paper Box Co.	Cases	6.75
	Rudolph, West & Co.	Stocks, etc.	56.85
	do.	Hinges	2.62
	Queen & Co. (Incorporated)	Condenser, etc.	9.73
	do.	Alcohol	2.00
	Potomac Electric Power Co.	Current	20.49
	Jno. C. Parker	Copyholder, etc.	2.63
	Nathaniel Mortar Co.	Cement	10.40
	McCauley & McGill	Liquid gas	2.50
	The Mathey Co. (Incorporated)	Tin boxes	8.16
	K. Kneesis Sons	Strap	4.50
	Yawman & Erbe Manufacturing Co.	Sections	53.15
	do.	Cards	5.75
	do.	Tray, etc.	2.25
	do.	Cards	1.75
	Woodward & Lothrop	Desk	51.25
	S. Strock & Co.	Felt	1.25
	Thos. Somerville & Sons	Cylinder, etc.	19.73
	Whitall Tatum Co.	do.	.70
	do.	Tubes	5.00
	Fred. A. Schmidt	Steel tape	10.75
	Washington Gaslight Co.	Gas	12.50
	Martin Wiegand	Units for cases	247.50
	Emil Wellaner	Kymograph	135.00
	The Chas. Willms Surgical Institute	Tubes, etc.	5.60
	do.	Cases	11.50
6	Carter Rice & Co.	Gennus covers	12.90
	Paul Klincksieck	Books	12.50
	Woodruff Manufacturing Co.	Sections	39.00
	do.	Sections, etc.	47.25
	Lutz & Co.	Photo. cases	40.00
	The Mathey Co. (Incorporated)	Tanks	14.25
	do.	Trays	56.00
	Eimer & Amend	Apparatus	17.28
	do.	Chemicals	3.90
	W. H. Dyer	Stakes	3.75
	Henry Allen	Jars, etc.	28.80
	do.	Jars	5.50
	Queen & Co. (Incorporated)	Flasks	1.00
	National Electrical Supply Co.	Fans, etc.	32.45
	do.	do.	21.40
	do.	Shades	3.00
	J. N. Rose	Books	5.65
	W. Silas Sheetz	Tripods	4.50
	E. S. Schmid	Stakes	1.25

234 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 6	Max Weg.....	Books.....	\$27.77
8	L. H. Dewey.....	Traveling expenses.....	5.70
	V. K. Chesnut.....	Expenses.....	2.75
	.....do.....	Traveling expenses.....	31.25
11	J. L. Hills.....	Expenses.....	122.54
15	David Cleland.....	Services.....	33.00
	Chas. Freedman.....	.....do.....	21.00
17	F. L. Lawton.....	Traveling expenses.....	21.40
	A. C. Crawford.....	.....do.....	20.80
20	Amzi Godden Co.....	Grass seed.....	16.00
	Z. D. Gilman.....	Tubing, etc.....	5.58
	J. H. Bunnell & Co.....	Lamps.....	.81
	Mackall Bros.....	Chemicals.....	9.21
	National Electric Supply Co.....	Desk fans.....	44.50
	Rudolph, West & Co.....	Hardware.....	20.56
	W. B. Moses & Sons.....	Chairs.....	18.35
	D. C. Paper Manufacturing Co.....	Blotting paper.....	45.00
	Farrand, Williams & Clark.....	Brushes.....	.51
	Ernest Betz.....	Iron pan.....	9.50
	W. Ballantyne & Sons.....	Pen.....	2.50
	Bausch & Lomb Optical Co.....	Readers, etc.....	5.55
	Lempke & Brechner.....	Book.....	.96
	S. Kann, Sons & Co.....	Canton flannel.....	6.10
	Henry Heil Chemical Co.....	Formalin.....	.60
	H. B. Homer.....	Prints.....	6.75
	Yawman & Erbe Manufacturing Co.....	Sections.....	16.00
	Washington Gaslight Co.....	Gas.....	8.00
	Woodward & Lothrop.....	Chairs.....	22.60
	Ward Leonard Electric Co.....	Rheostat.....	2.86
	Whitall Tatum Co.....	Reagents.....	3.00
	Emil Wellaner.....	Electric appliances.....	7.00
	P. J. McMahon.....	Sansevieria leaves.....	3.00
	Mallinckrodt Chemical Works.....	Chemicals.....	3.00
	Queen & Co. (Incorporated).....	Dish.....	2.23
	Fred. A. Schmidt.....	Mounting maps, etc.....	4.50
	Sharp & Dohme.....	Oven.....	22.00
	Seabury & Johnson.....	Isinglass.....	22.50
21	L. H. Dewey.....	Expenses.....	4.00
25	F. A. Walpole (estate of).....	Traveling expenses.....	36.45
27	W. W. Tracy, jr.....	Expenses.....	23.44
29	Z. D. Gilman.....	Bottles, etc.....	13.54
	.....do.....	.....do.....	28.05
	Chas. Edmonston.....	Filter.....	16.75
	Dulin & Martin Co.....	Pans, etc.....	1.90
	L. S. Depue.....	Oats.....	45.00
	Church & Stephenson.....	Lumber.....	4.04
	.....do.....	.....do.....	16.74
	Fred Carl.....	Worm, etc.....	7.00
	J. Bishop & Co.....	Crucible.....	30.29
	Adams Express Co.....	Transportation.....	43.52
	.....do.....	.....do.....	40.22
	.....do.....	.....do.....	14.30
	.....do.....	.....do.....	4.25
	.....do.....	.....do.....	8.50
	.....do.....	.....do.....	3.75
	.....do.....	.....do.....	1.60
	Delano & Moore.....	Photo. supplies.....	64.22
	Geo. F. Muth & Co.....	Liquid granite.....	11.70
	McCauley & McGill.....	Gas.....	2.50
	Jas. B. Lambie Co. (Incorporated).....	Can, etc.....	2.90
	Lamb & Tilden.....	Type.....	5.20
	The Geo. W. Knox Express Co.....	Transportation.....	1.25
	The Fairbanks Co.....	Scale.....	14.40
	Elmer & Amend.....	Apparatus.....	14.14
	B. L. Cunningham.....	Negative.....	5.00
	B. F. McCurdy.....	Frogs.....	2.50
	The Kny-Scheerer Co.....	Finger protector.....	1.20
	Paul Klincksieck.....	Publications.....	35.45
	The Harvard Apparatus Co.....	Inductotium.....	6.00
	Emil Greiner.....	Rubber stoppers.....	2.50
	Fritzsche Bros.....	Oil.....	1.58
30	David Cleland.....	Salary.....	39.00
	Chas. Freedman.....	.....do.....	39.00
	Jas. T. Smith.....	.....do.....	27.00
	Esau Reinbert.....	.....do.....	10.50
	F. V. Coville et al.....	Salaries.....	2,843.52
	Total fourth quarter.....		14,506.64

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental.</i>			
1904.			
July 2	C. S. Scofield.....	Salary.....	\$148.30
	H. T. Marshall.....	do.....	125.00
	V. K. Chesnut.....	do.....	24.70
5	A. C. Crawford.....	Traveling expenses.....	19.04
	V. K. Chesnut.....	do.....	33.70
	do.....	Expenses.....	21.90
6	Clarke & Davenport.....	Linoleum.....	39.06
	F. L. Lewton.....	Traveling expenses.....	17.05
	W. F. Wight.....	do.....	34.20
	Ivar Tidestrom.....	do.....	3.25
7	Church & Stephenson.....	Doors.....	4.00
	do.....	Lumber.....	4.22
	do.....	do.....	13.21
	do.....	do.....	23.03
14	C. S. Scofield.....	Expenses.....	6.20
	Edgar Brown.....	Expenses, January, 1904.....	2.94
	do.....	Expenses, February-June.....	55.50
	do.....	Expenses.....	7.15
	do.....	do.....	6.20
	R. H. True.....	do.....	.50
	do.....	do.....	4.08
	do.....	do.....	4.19
	do.....	Traveling expenses.....	4.95
	L. H. Dewey.....	do.....	1.45
	Southern Coffee and Spice Co.....	Roaster.....	25.00
	J. M. Snyder.....	Dog holder, etc.....	34.55
15	L. H. Dewey.....	Expenses.....	24.97
18	Edgar Brown.....	Traveling expenses.....	25.10
	do.....	do.....	52.54
	V. K. Chesnut.....	do.....	10.80
	R. H. True.....	do.....	4.04
	do.....	do.....	177.80
	do.....	do.....	8.45
	do.....	Expenses.....	9.34
	do.....	do.....	1.00
	T. B. Young.....	Traveling expenses.....	7.05
	W. B. Moses & Sons.....	Rug and chair.....	43.50
	do.....	Table.....	4.75
	Potomac Electric Power Co.....	Electric current.....	18.10
	Western Union Telegraph Co.....	Service.....	1.09
19	E. J. Applegate.....	Chemicals.....	3.00
	Andrus & Church.....	Paper.....	18.63
	Dudley Campbell.....	Plants.....	2.00
	J. P. Friez.....	Hydrograph.....	50.00
	Emil Greiner.....	Stoppers.....	8.19
	J. A. Greathouse.....	Plants.....	10.00
	H. J. Green.....	Soil thermometers.....	8.10
	Chas. S. Jenkins.....	Map rack.....	55.00
	Keuffel & Esser.....	Hydrograph.....	54.00
	Krey, Price & Co.....	Pigs.....	6.00
	Queen & Co. (Incorporated).....	Chemicals.....	1.20
	do.....	Dishes.....	1.64
	do.....	Dishes, etc.....	1.84
	Randolph Paper Box Co.....	Cases.....	8.64
	J. M. Snyder.....	Rack, etc.....	2.60
	A. H. Thomas & Co.....	Filter, etc.....	16.48
	do.....	Flasks, etc.....	7.42
	United States Mailing Case Co.....	Cases, etc.....	3.57
	United States Envelope Co.....	Envelopes.....	5.00
	W. Wesley & Son.....	Publications.....	10.50
	do.....	do.....	119.00
	do.....	do.....	20.00
	Whitall, Tatum Co.....	Vials, etc.....	8.22
	do.....	Spatula.....	1.11
	Woodruff Manufacturing Co.....	Cases.....	308.00
	Yawman & Erbe Manufacturing Co.....	do.....	27.25
	do.....	do.....	61.50
20	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	77.00
	District of Columbia Paper Manufacturing Co.....	Seed blotting.....	45.00
	W. H. Dyer.....	Base.....	20.00
	Chas. R. Edmonston.....	Jars, etc.....	25.90
	Littlefield, Alvord & Co.....	Transportation.....	.80
	National Electrical Supply Co.....	Desk fan.....	10.50
	Remington Typewriter Co.....	Repairing typewriter.....	11.55
	F. P. May & Co.....	Coffee mill.....	5.00
	F. A. Schmidt.....	Steel tape, etc.....	3.02
	Underwood Typewriter Co.....	Typewriter.....	108.00
	do.....	do.....	36.00
	United States Express Co.....	Transportation.....	13.78

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 20	Yawman & Erbe Manufacturing Co.....	Section.....	\$8.00
	do.....	Section, etc.....	22.00
23	Harrison Garman.....	Services.....	76.00
	Jos. L. Hills.....	Expenses.....	79.14
	H. T. Marshall.....	Traveling expenses.....	156.51
	Pennsylvania Co.....	Passenger transportation.....	11.75
	Pennsylvania R. R. Co.....	do.....	27.02
	do.....	do.....	31.00
	Southern Rwy. Co.....	do.....	38.10
	Washington Southern Rwy. Co.....	do.....	15.50
	do.....	do.....	11.30
	do.....	do.....	.25
27	F. J. Tyler.....	Traveling expenses.....	86.01
30	Michigan Central R. R. Co.....	Passenger transportation.....	4.50
	Union Pacific R. R. Co.....	do.....	27.65
	Seaboard Air Line Rwy. Co.....	do.....	3.60
	The Wabash R. R. Co.....	do.....	5.21
	Northern Pacific Rwy. Co.....	do.....	6.98
	do.....	do.....	6.98
	do.....	do.....	8.85
	do.....	do.....	40.50
	New York Central and Hudson River R. R. Co.....	do.....	5.97
	do.....	do.....	3.55
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	9.00
	Southern California Rwy. Co.....	do.....	3.85
	Cincinnati, Hamilton and Dayton Rwy.....	do.....	12.35
	Atlantic Coast Line R. R. Co.....	do.....	14.25
	do.....	do.....	29.20
	Chicago and Alton Rwy. Co.....	do.....	4.85
	The Chesapeake and Ohio Rwy. Co.....	do.....	51.65
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	3.51
	do.....	do.....	3.92
	do.....	do.....	5.05
	Chicago and Northwestern Rwy. Co.....	do.....	3.92
	do.....	do.....	16.67
Aug. 1	R. Friedlander & Sohn.....	Books.....	423.78
	do.....	do.....	107.10
	do.....	do.....	98.51
	do.....	do.....	24.04
	A. Hermann.....	do.....	96.36
	Hugo Streisand.....	do.....	43.20
2	T. T. Burkhardt.....	Services.....	45.33
	T. B. Young.....	Traveling expenses.....	5.75
3	S. Kann, Sons & Co.....	Flannel.....	6.00
	Z. D. Gilman.....	Funnels, etc.....	23.81
	Standard Oil Co.....	Gasoline.....	7.00
	Barber & Ross.....	Razor.....	1.65
	The Chesapeake and Potomac Telegraph Co.....	Service.....	12.50
	Church & Stephenson.....	Lumber.....	30.26
	Delano & Moore.....	Photo supplies.....	17.19
	P. G. Affleck.....	Chloride lime.....	1.50
	Mackall Bros.....	Flasks.....	45.34
	National Electric Supply Co.....	Supplies.....	17.00
	do.....	Desk fan.....	23.59
	Potomac Electric Power Co.....	Current.....	7.50
	F. P. May & Co.....	Root cutter.....	50.08
	M. Du Perow.....	Supplies.....	18.75
	E. G. Schafer & Co.....	Stopcocks.....	1.92
	E. J. Pullman.....	Photo supplies.....	2.51
	Rudolph, West & Co.....	Brushes, etc.....	2.25
	Remington Typewriter Co.....	Metal cover.....	87.50
	Underwood Typewriter Co.....	Typewriter, etc.....	35.66
	Woodward & Lothrop.....	Jars.....	20.50
	do.....	Desk.....	12.40
	Washington Gaslight Co.....	Gas.....	4.00
	Washington Woodworking Co.....	Table legs.....	193.80
8	F. V. Coville.....	Traveling expenses.....	19.56
16	Delano & Moore.....	Photo supplies.....	47.50
17	American Writing Machine Co.....	Paper.....	207.75
	Jas. G. Biddle.....	Pump.....	100.00
	The Draper Manufacturing Co.....	Thermometer.....	1.00
	J. B. Espey.....	Locks.....	2.40
	Z. D. Gilman.....	Bottles.....	.62
	The G. W. Knox Express Co.....	Drayage.....	5.20
	W. H. Lowdermilk & Co.....	Florist directory.....	32.51
	Mackall Bros.....	Chemicals.....	88.73
	do.....	do.....	4.18
	Geo. F. Muth & Co.....	Turpentine, etc.....	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BOTANICAL INVESTIGATIONS AND EXPERIMENTS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.	G. B. Jones.....	Fiber-cleaning machine.....	\$56.88
Aug. 18	Eimer & Amend.....	Supplies.....	26.75
	.....do.....	Chemicals.....	9.10
	Library Bureau.....	Cards.....	11.70
	.....do.....	Cases, etc.....	145.80
	Spencer Lens Co.....	Objective.....	40.50
	.....do.....	Hone, etc.....	6.94
	The Okenite Co. (Limited).....	Wire.....	4.20
	Arthur H. Thomas & Co.....	Clamps.....	1.00
	.....do.....	Chemicals.....	30.55
	Yawman & Erbe Manufacturing Co.....	Cabinet.....	5.50
	.....do.....	Cabinet, etc.....	15.75
	.....do.....	Guides.....	1.50
	.....do.....	Sections.....	47.75
	Whitall, Tatum Co.....	Glass rods.....	1.00
	.....do.....	Beakers, etc.....	10.29
	.....do.....	Tubes.....	2.00
	United States Bottlers' Supply Co.....	Mailing cases.....	9.50
	United Fruit Co.....	Transportation.....	1.23
	Ed. Meister.....	Myocardograph.....	20.00
	The Fred Macey Co. (Limited).....	File cases.....	14.00
	Emil Greiner.....	Graduates.....	1.60
	Henry Heil Chemical Co.....	Beakers.....	1.82
	Bausch & Lomb Optical Co.....	Triplets.....	3.00
	Kellogg Switchboard and Supply Co.....	Stand.....	12.50
	Multum in Parvo Binder Co.....	Binders.....	2.00
	Schneider Bros.....	Thermometers.....	12.00
	Queen & Co. (Incorporated).....	Alcohol.....	.50
	Union Envelope Co.....	Envelopes.....	20.85
22	Guy N. Collins.....	Traveling expenses.....	533.31
26	J. J. Thompson.....	Cultivating clover.....	17.48
	H. T. Lee.....	Services, March.....	25.00
	A. T. Armstrong.....	.....do.....	29.25
	J. P. Young.....	.....do.....	14.00
	J. A. Ritchie.....	.....do.....	8.80
	W. M. Hays.....	.....do.....	33.36
	E. D. Funk.....	.....do.....	25.00
	J. H. McNowen.....	.....do.....	20.00
	Western Union Telegraph Co.....	Services.....	3.11
27	Barber & Ross.....	Iron.....	16.47
29	Library Bureau.....	Stand.....	5.00
	Joseph Karels.....	Rent, etc.....	25.00
	Rudolph, West & Co.....	Locks.....	1.35
	J. H. Shepperd.....	Rent.....	33.36
	Hugo Streisand.....	Books.....	46.64
	United States Express Co.....	Transportation.....	16.90
	.....do.....	.....do.....	13.54
Sept. 10	Jas. G. Biddle.....	Pump.....	105.40
13	M. L. Mabry.....	Experiments.....	20.00
15	H. T. Marshall.....	Traveling expenses.....	107.80
	G. N. Collins.....	Expenses.....	7.10
19	Washington Southern Rwy Co.....	Passenger transportation.....	13.05
	Baltimore and Ohio R. R. Co.....	.....do.....	17.50
	The Texas and Pacific Rwy. Co.....	.....do.....	62.90
	Pennsylvania Co.....	.....do.....	17.50
	Chicago and Alton Rwy. Co.....	.....do.....	4.25
	Chicago, Burlington and Quincy Rwy. Co.....	.....do.....	38.10
	Chicago, Rock Island and Pacific Rwy. Co.....	.....do.....	6.15
	Burlington and Missouri River Rwy.....	.....do.....	6.34
	Oregon Short Line R. R. Co.....	.....do.....	42.70
	Pennsylvania R. R. Co.....	.....do.....	52.00
	.....do.....	.....do.....	3.96
	Grand Trunk Rwy.....	.....do.....	5.20
	Southern Pacific Co.....	.....do.....	3.35
	Fort Worth and Denver City Rwy. Co.....	.....do.....	6.60
	Missouri Pacific Rwy. Co.....	.....do.....	11.50
	Southern Pacific Co.....	.....do.....	31.95
	Northern Pacific Rwy. Co.....	.....do.....	2.95
20	Adams Express Co.....	Transportation.....	40.45
	.....do.....	.....do.....	15.25
	.....do.....	.....do.....	29.55
	Underwood Typewriter Co.....	Copyholder.....	6.25
	Western Union Telegraph Co.....	Service.....	.48
	.....do.....	.....do.....	1.57
	E. Morrison Paper Co.....	Paper.....	4.80
24	Chas. R. Edmonston.....	Jars.....	8.60
	Geo. P. Killian.....	Boxes.....	22.50
26	Littlefield, Alvord & Co.....	Transportation.....	.97
	Total.....		7,119.66

238 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

RECAPITULATION.

First quarter	\$10,995.42
Second quarter	12,060.27
Third quarter	13,097.97
Fourth quarter	14,506.69
Supplemental	7,119.66
Total.....	57,780.01

ACCOUNTS PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 13	Southern Pacific Co.	Passenger transportation	\$55.20
Dec. 7	.....do.....	.....do.....	29.50
	Total.....		84.70

SPECIAL AGENTS.

1903. July 9	C. S. Scofield.....	Voucher, 1904.....	\$1,000.00
20	V. K. Chesnut.....	.....do.....	1,500.00
27	F. V. Coville.....	.....do.....	700.00
	Total.....		3,200.00

BOTANICAL INVESTIGATIONS, ETC.—RENT.

1903. Aug. 12	Deeble & Noland.....	Rent.....	\$250.00
Sept. 11	.....do.....	.....do.....	250.00
	Total.....		500.00
1903. Oct. 8	Deeble & Noland.....	Rent.....	250.00
Nov. 5	.....do.....	.....do.....	250.00
Dec. 5	.....do.....	.....do.....	250.00
	Total.....		750.00
1904. Jan. 8	Deeble & Noland.....	Rent.....	250.00
Feb. 8	.....do.....	.....do.....	250.00
Mar. 3	.....do.....	.....do.....	250.00
	Total.....		750.00
May 3	Deeble & Noland.....	Rent.....	250.00
23	.....do.....	.....do.....	250.00
June 4	.....do.....	.....do.....	250.00
	Total.....		750.00
	Supplemental.....		
July 14	Deeble & Noland.....	Rent.....	250.00
	Grand total.....		3,000.00

GRASS AND FORAGE PLANT INVESTIGATIONS.

1903. July 13	Carleton R. Ball.....	Traveling expenses.....	\$12.10
14	W. J. Spillman.....	.....do.....	14.65
21	Delano & Moore.....	Camera, etc.....	31.00
	F. L. Ricker.....	Traveling expenses.....	49.51
24	C. B. Crompton.....	Pea harvester.....	16.00
25	M. B. Stevens.....	Traveling expenses.....	37.95
28	T. W. Wood & Sons.....	Peas, etc.....	26.19
29	National Electrical Supply Co.....	Electrical supplies.....	1.43
31	W. J. Spillman et al.....	Salaries.....	1,283.76
Aug. 1	P. O. Vanatter.....	Salary.....	67.40
	J. S. Cotton.....	.....do.....	50.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 1	Merritt Harper	Salary	\$50.50
3	M. A. Crosby	do.	60.00
	M. B. Stevens	do.	40.40
4	M. Du Perow	Apparatus for fan	25
	J. M. Westgate	Salary	60.60
6	P. L. Ricker	Traveling expenses	66.73
10	E. L. Morris	Salary	40.00
14	M. A. Crosby	Traveling expenses	102.85
	J. M. Westgate	do.	129.74
	E. L. Morris	do.	58.67
	M. B. Stevens	do.	52.70
	L. G. Orndorf	Repairs to drill	1.05
18	Woodward & Lothrop	Canton flannel	25
19	R. H. Forbes	Salary	25.30
	R. A. Oakley	do.	20.87
	Russell A. Oakley	Traveling expenses	7.35
	T. W. Wood & Sons	Alfalfa	20.40
20	Thos. W. Riley	Tags	2.13
25	J. B. Gay	Expenses	17.25
26	M. B. Stevens	Traveling expenses	54.58
31	W. J. Spillman et al.	Salaries	1,284.71
Sept. 1	M. A. Crosby	Salary	60.00
	J. S. Cotton	do.	50.00
3	E. L. Morris	do.	40.00
	Byron Hunter	do.	46.20
	R. A. Oakley	do.	40.40
4	Merritt Harper	do.	50.50
9	Washington, Alexandria and Mount Vernon R. R. Co.	50 trip books	3.60
10	P. O. Vanatter	Salary	67.40
	M. B. Stevens	do.	40.40
	Henry Heil Chemical Co.	Soda, etc.	5.30
	E. Morrison Paper Co.	Tags	4.40
11	T. W. Wood & Sons	Seeds	109.75
	Al. Stevenson	Use of team for eight days	48.00
	The Anthony & Scoville Co.	Repairs to camera	.90
16	J. M. Westgate	Salary	60.60
	A. S. Hitchcock	Traveling expenses	278.30
17	Byron Hunter	do.	8.35
	M. A. Crosby	do.	78.45
	R. A. Oakley	do.	61.50
	David Griffiths	do.	41.30
18	M. B. Stevens	do.	65.89
	C. W. Warburton	do.	21.50
	Delano & Moore	Photo supplies	26.88
21	Rudolph, West & Co.	Night latch	.80
	Brentanos	Maps	.75
19	Southern Rwy. Co.	Passenger transportation	10.10
	Central Vermont Rwy. Co.	do.	4.25
24	Yawman & Erbe Manufacturing Co.	Filing cases	8.00
	Washington, Alexandria and Mount Vernon Rwy. Co.	Trip book	3.60
26	W. J. Spillman	Traveling expenses	111.50
	E. L. Morris	do.	63.96
30	W. J. Spillman et al.	Salaries	1,264.56
	Total first quarter		6,363.46
Oct. 2	J. M. Westgate	Salary	58.80
	M. A. Crosby	do.	60.00
	J. S. Cotton	do.	50.00
	P. O. Vanatter	do.	65.20
3	E. L. Morris	Traveling expenses	82.79
6	M. B. Stevens	Salary	39.20
	Merritt Harper	do.	49.00
9	C. R. Ball	Traveling expenses	66.20
10	The Geo. W. Knox Express Co.	Transportation	.25
	R. A. Oakley	Services	39.20
	Byron Hunter	do.	81.60
	R. H. Forbes	do.	49.70
	The Geo. W. Knox Express Co.	Transportation	2.00
12	E. Morrison Paper Co.	Tags	.75
	H. N. Leckenby	Seeds	81.90
	J. M. Westgate	Traveling expenses	98.00
14	The Smith Premier Typewriter Co.	Repairs	1.50
	T. W. Wood & Sons	Seeds	.75
	Delano & Moore	Photo supplies	34.44
16	J. M. Westgate	Traveling expenses	26.32
19	Byron Hunter	do.	46.45
	M. A. Crosby	do.	99.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 19	David Griffiths	Traveling expenses.	\$84.85
21	T. W. Wood & Sons	Seeds .....	.20
	.....do.....	.....do.....	66.80
22	S. W. Flower & Co.	Alfalfa seed	232.70
23	T. W. Wood & Sons	Seeds	16.50
	Hopgood Plow Co.	Plow	40.00
28	M. B. Stevens	Traveling expenses.	92.56
	Mackall Bros.	Cotton .....	.28
	C. V. Piper	Salary	86.96
31	New York Central and Hudson River R. R. Co.	Passenger transportation.	10.15
	Pennsylvania R. R. Co. ....	.....do.....	32.90
	Grand Trunk Rwy. ....	.....do.....	3.30
	Boston and Maine R. R. ....	.....do.....	2.50
	Southern Rwy. Co. ....	.....do.....	1.64
	Southern California Rwy. Co. ....	.....do.....	4.00
	St. Louis and San Francisco R. R. Co. ....	.....do.....	16.65
	Columbia, Newberry and Laurens R. R. Co. ....	.....do.....	7.00
Nov. 3	W. J. Spillman	Salaries	1,492.11
	M. B. Stevens	Traveling expenses.	72.39
	.....do.....	Salary	40.45
	C. V. Piper	Traveling expenses.	72.10
4	J. M. Westgate .....	.....do.....	151.26
5	Merritt Harper	Salary	50.50
	P. O. Vanatter .....	.....do.....	67.40
	M. A. Crosby .....	.....do.....	60.00
6	R. A. Oakley	Traveling expenses.	53.09
7	E. L. Morris	Salary	25.33
9	R. A. Oakley	Traveling expenses.	54.71
	.....do.....	Salary	40.40
	P. L. Ricker	Traveling expenses.	37.55
13	M. Du Perow	Buzzers .....	.55
18	M. A. Crosby	Salary	30.00
19	C. S. Hitchcock	Traveling expenses.	73.96
20	Brown & Sharpe Manufacturing Co.	Steel rules	3.05
	Eugene Dutzgen Co.	Rules, etc.	5.40
	Wolf Bros.	Envelopes	13.08
	Al. Stevensen	Services	22.00
21	W. H. Rupp Co.	Baskets	1.35
	Remington Typewriter Co.	Repairing typewriter.	.60
	Mackall Bros.	Gold chloride	1.50
	C. A. Schneider's Sons	Altering root digger.	45.00
	.....do.....	Root digger	70.00
	Rudolph, West & Co.	Can, etc.	1.85
23	Library Bureau	Cards	1.90
	Bausch & Lomb Optical Co.	Glass slide	3.50
25	J. S. Cotton	Salary	50.00
	C. R. Ball	Traveling expenses.	20.50
27	M. A. Crosby .....	.....do.....	95.36
30	W. J. Spillman .....	.....do.....	45.28
	J. M. Westgate .....	.....do.....	33.70
	W. J. Spillman et al.	Salaries	1,508.17
Dec. 1	Washington, Alexandria and Mount Vernon Rwy. Co.	Ticket	3.60
	Delano & Moore	Photo supplies	13.70
	E. Morrison Paper Co.	Glue, etc.	3.25
	.....do.....	Tags	4.50
	Hugh Reilly	Glass	3.50
2	Smith Premier Typewriter Co.	Repairs .....	.75
	T. W. Wood & Sons	Seeds	6.25
3	Eugene Dutzgen Co.	Paper	4.56
4	R. A. Oakley	Salary	39.20
	M. A. Crosby .....	.....do.....	30.00
	P. O. Vanatten .....	.....do.....	65.20
	Merritt Harper .....	.....do.....	49.00
8	Union Pacific R. R. Co.	Passenger transportation.	30.95
	.....do.....	.....do.....	19.44
	Central of Georgia Rwy. Co. ....	.....do.....	9.69
	Atlantic Coast R. R. Co. ....	.....do.....	4.35
	Seaboard Air Line Rwy. ....	.....do.....	4.60
	The Yazoo and Mississippi Valley R. R. Co. ....	.....do.....	3.70
	Boston and Maine R. R.	Transportation	5.13
	Astoria and Columbia River R. R. Co.	Passenger transportation.	1.80
	Burlington and Missouri River R. R. in Ne- braska. ....	.....do.....	11.10
	Southern Rwy. Co. ....	.....do.....	4.25
	.....do.....	.....do.....	19.05
	.....do.....	.....do.....	5.20
	The Chesapeake and Ohio Rwy. Co. ....	.....do.....	19.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 8	Southern Pacific Co.	Passenger transportation.	\$6.45
	Santa Fe, Prescott and Phoenix R. R. Co.	do.	19.60
	Alabama and Great Southern R. R. Co.	do.	4.30
	Chicago and Alton Rwy. Co.	do.	4.25
	Great Northern Rwy. Co.	do.	39.01
	Louisville and Nashville R. R. Co.	do.	9.45
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.	6.07
	do.	do.	12.75
	Northern Pacific Rwy. Co.	do.	19.82
	Michigan Central R. R. Co.	do.	9.25
	Astoria and Columbia River R. R. Co.	do.	7.20
	The Pullman Co.	do.	8.50
	The Oregon R. R. and Navigation Co.	do.	77.75
10	Byron Hunter	Traveling expenses	82.30
11	Z. D. Gilman	Tubing	1.10
	Rudolph, West & Co.	Hardware	.74
	The Geo. W. Knox Express Co.	Transportation	1.12
18	The Oregon R. R. and Navigation Co.	Passenger transportation	38.75
	Fort Worth and Denver City Rwy. Co.	do.	3.55
	Pere Marquette R. R. Co.	do.	3.09
	Maricopa and Phoenix and Salt River Valley R. R. Co.	do.	6.45
	Denver and Rio Grande R. R. Co.	do.	14.00
	Great Northern Rwy. Co.	do.	5.81
	Illinois Central R. R. Co.	do.	2.25
	Seaboard Air Line Rwy.	do.	14.85
	Chicago, Milwaukee and St. Paul Rwy. Co.	do.	5.75
	Chicago and Northwestern Rwy. Co.	do.	31.24
	do.	do.	50.50
19	R. H. Forbes	Salary	49.70
	S. M. Tracy	Traveling expenses	7.45
	W. J. Spillman	Expenses	8.50
21	Delano & Moore	Seed plates	2.21
22	J. Ross Collins	Bags	15.20
23	W. J. Spillman	Traveling expenses	39.00
	Byron Hunter	do.	23.71
29	J. S. Cotton	Salary	50.00
	Bausch & Lomb Optical Co.	Triplet	3.00
	Ida E. Fulham	Pictures	1.00
	A. Sytsma	Seed	43.40
	John C. Parker	Blotters, etc.	3.25
31	W. J. Spillman et al.	Salaries	1,711.20
	Total second quarter		8,781.47
1904. Jan. 6	P. O. Vanatter	Salary	67.40
	Merritt Harper	do.	50.50
	J. S. Cotton	do.	50.00
7	James B. Lambie Co. (Incorporated)	Brads	.18
8	W. T. & F. B. Weaver	Trowels	1.00
12	Woodward & Lothrop	Furniture	46.70
14	Queen & Co. (Incorporated)	Caliper	8.10
	Florida East Coast Rwy.	Passenger transportation	6.40
16	Swett & Co.	Carbon books, etc.	10.50
	W. M. Ball	Roots, etc.	3.00
	Philip Lindemeyr	Japanese paper	4.80
	do.	do.	4.48
	Joseph Le Cort	Map	1.50
	Byron Hunter	Traveling expenses	11.95
	David Griffiths	do.	115.56
	do.	Expenses	28.00
	W. J. Spillman	Traveling expenses	19.50
18	Franklin & Co.	Pens.	17.85
	Adams Express Co.	Transportation	27.40
	Delano & Moore	Photo supplies	59.68
	Church & Stephenson	Lumber	13.08
	The Smith Premier Typewriter Co.	Platen	4.50
	Century Camera Co.	Repairs	4.25
	Eastman Kodak Co.	Photo supplies	7.20
	J. B. Gay	Services	16.94
19	Queen & Co. (Incorporated)	Test tubes	.34
25	The Yazoo and Mississippi Valley R. R. Co.	Passenger transportation	18.00
	Union Pacific R. R. Co.	do.	7.15
	Northern Pacific Rwy. Co.	do.	20.10
	do.	do.	6.85
	The Missouri Pacific Rwy. Co.	do.	3.41
	New York, New Haven and Hudson R. R. Co.	do.	5.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 25	New York, New Haven and Hudson R. R. Co.	Passenger transportation.....	\$10.90
	Louisville and Nashville R. R. Co.	.....do.....	16.47
	Illinois Central R. R. Co.	.....do.....	25.50
	Atlantic Coast Line R. R. Co.	.....do.....	8.25
	Pennsylvania Co.	.....do.....	21.55
	The Wabash R. R. Co.	.....do.....	60.95
	The Oregon R. R. and Navigation Co.	.....do.....	80.90
	Pennsylvania R. R. Co.	.....do.....	38.25
	James Geddes	Labor.....	30.00
	Andie Wofford	.....do.....	21.25
26	F. P. May & Co.	Traps.....	.63
	David Griffiths	Expenses.....	10.00
	W. J. Spillman	Traveling expenses.....	44.80
	Church & Stephenson	Lumber.....	53.13
	Williams, Brown & Earle	Razors, bottles, etc.....	6.51
	Mallinckrodt Chemical Works	Sodium.....	2.00
	The Fred. Macey Co. (Limited)	Cards.....	19.10
27	Rudolph, West & Co.	Nails, etc.....	2.99
28	C. V. Piper	Traveling expenses.....	17.25
31	W. J. Spillman et al.	Salaries.....	1,580.20
Feb. 2	R. H. Forbes	Salary.....	50.80
	W. B. McCleary	.....do.....	75.00
	C. R. Ball	Traveling expenses.....	9.65
3	E. G. Schafer & Co.	Pipe, valves, etc.....	10.29
	F. P. May & Co.	Traps.....	1.25
	Chesapeake and Potomac Telephone Co.	Telephone service.....	.10
4	Merritt Harper	Salary.....	51.10
9	C. E. Brereton	Prints.....	16.00
	W. J. Spillman	Freight charges.....	2.35
11	P. O. Vanatter	Salary.....	68.10
12	Queen & Co. (Incorporated)	Carbon bisulphide.....	3.00
	The Carter's Ink Co.	Speed tester.....	.50
	J. R. Collins	Seed bags.....	20.75
	Bausch & Lomb Optical Co.	Reducing glass.....	1.57
13	W. J. Spillman	Expenses.....	7.60
17	F. Barteldes & Co.	Seeds.....	35.05
	Delano & Moore	Photo supplies.....	61.33
	Baltimore and Ohio R. R. Co.	Passenger transportation.....	29.73
18	The Wabash R. R. Co.	.....do.....	4.35
	Toledo, Peoria and Western Rwy. Co.	.....do.....	4.25
	Pennsylvania R. R. Co.	.....do.....	12.25
	The Texas and Pacific Rwy. Co.	.....do.....	42.35
	St. Louis and San Francisco R. R. Co.	.....do.....	9.44
19	A. S. Hitchcock	Traveling expenses.....	101.11
23	Library Bureau	Cards.....	17.60
	D. A. Bright	Artichokes.....	7.50
	C. E. Brereton	Photo prints.....	16.00
24	Church & Stephenson	Lumber.....	4.59
	Harris & Shafer Co.	Repairing clock.....	1.60
	Rudolph, West & Co.	Nails, etc.....	.96
	Thos. Somerville & Sons	Sink, etc.....	5.48
27	Western Union Telegraph Co.	Telegraph service.....	14.28
29	W. J. Spillman et al.	Salaries.....	1,606.92
Mar. 2	C. R. Ball	Traveling expenses.....	10.50
	J. M. Westgate	.....do.....	2.00
	Geo. M. Tucker	.....do.....	8.70
	.....do.....	Expenses.....	24.00
3	The Smith Premier Typewriter Co.	Repairs.....	7.10
	M. Du Perow	Shade.....	.65
	Hutchinson & McCarthy	Filter stone.....	2.00
4	Harrison Garman	Salary.....	120.00
	Byron Hunter	.....do.....	79.60
	Merritt Harper	.....do.....	47.80
	S. M. Tracy	.....do.....	98.90
	W. B. McCleary	.....do.....	25.00
5	Mallinckrodt Chemical Works	Chemicals.....	.32
11	Postal Telegraph-Cable Co.	Telegraph service.....	.60
	Mackall Bros	Cotton, etc.....	3.87
	United States Express Co.	Transportation.....	28.36
17	Houston and Texas Central R. R. Co.	Passenger transportation.....	16.40
	Chicago and Northwestern Rwy. Co.	.....do.....	65.81
18	New York, New Haven and Hartford R. R. Co.	.....do.....	29.50
	Norfolk and Western Rwy. Co.	.....do.....	3.70
	Louisville and Nashville R. R. Co.	.....do.....	27.50
	Missouri, Kansas and Texas Rwy. Co.	.....do.....	14.75
	The Oregon R. R. and Navigation Co.	.....do.....	70.00
	Pennsylvania R. R. Co.	.....do.....	4.80
	A. S. Hitchcock	Traveling expenses.....	7.10
	.....do.....	.....do.....	8.71

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	J. Baumgarten & Sons.....	Type.....	\$6.00
	Delano & Moore.....	Photo. supplies.....	48.17
	The Pullman Co.....	Passenger transportation.....	5.00
	.....do.....	.....do.....	35.50
	Southern Pacific Co.....	.....do.....	6.45
	.....do.....	.....do.....	4.90
21	The Fred. Macey Co. (Limited).....	Cards.....	13.03
	P. O. Van Atter.....	Salary.....	63.80
	Wm. Kraft.....	Objectives.....	50.40
	Eastman Kodak Co.....	Repairs to kodak.....	6.40
22	American Writing Machine Co.....	Stand.....	4.00
28	David Griffiths.....	Expenses.....	8.00
29	The E. F. Brooks Co.....	Electric bracket.....	3.50
	J. Baumgarten & Sons.....	Dating stamp.....	4.10
31	W. J. Spillman et al.....	Salaries.....	1,880.72
	Total third quarter.....		7,808.44
Apr. 4	W. J. Spillman.....	Expenses.....	41.50
6	Harrison Garman.....	Salary.....	120.00
	P. O. Van Atter.....	.....do.....	68.10
	W. B. McCleary.....	.....do.....	12.50
	S. M. Tracy.....	.....do.....	170.30
	Merritt Harper.....	.....do.....	51.10
9	Woodruff Manufacturing Co.....	Herbarium cases.....	110.00
12	H. A. L. Barker.....	Salary.....	12.00
	T. W. Wood & Sons.....	Seeds.....	13.48
	Spencer Lens Co.....	Magnifiers.....	18.11
	Philip Lindemeyr.....	Paper.....	12.00
	Jas. K. Metcalfe.....	Seeds.....	119.50
14	D. N. Walford.....	Tripods.....	20.00
15	Somerville Bean.....	Salary.....	39.00
	B. H. Hall.....	.....do.....	19.50
18	Postal Telegraph Cable Co.....	Telegraph service.....	.56
	Hugh Reilly.....	Plate.....	3.00
	Rudolph, West & Co.....	Hardware.....	1.02
	Delano & Moore.....	Photo. supplies.....	42.66
	R. Carter Ballantyne.....	Pencil.....	.80
	R. P. Andrews & Co. (Incorporated).....	Clips and paste.....	5.76
19	Northrup, King & Co.....	Seeds.....	9.75
	Cambridge Botanical Supply Co.....	Envelopes.....	7.80
	Funk Brothers Seed Co.....	Corn.....	10.58
	T. W. Wood & Sons.....	Pease.....	16.50
	Kellogg Switchboard and Supply Co.....	Desk set.....	11.25
	Library Bureau.....	Cards.....	4.00
20	Burlington and Missouri River R. R. in Nebraska.....	Passenger transportation.....	6.15
	The Chicago, Burlington and Quincy Rwy. Co.....	.....do.....	12.90
	Southern Rwy. Co.....	.....do.....	40.20
	Pennsylvania R. R. Co.....	.....do.....	28.50
21	J. M. Westgate.....	Traveling expenses.....	22.05
22	Chicago, Rock Island and Pacific Rwy. Co.....	Passenger transportation.....	62.82
23	R. H. Forbes.....	Salary.....	49.50
	B. H. Hall.....	.....do.....	10.50
28	S. M. Tracy.....	Traveling expenses.....	96.78
30	W. J. Spillman et al.....	Salaries.....	1,617.03
May 2	C. V. Piper.....	Traveling expenses.....	55.90
3	Geo. M. Tucker.....	.....do.....	35.92
	W. J. Spillman.....	.....do.....	1.87
4	Harrison Garman.....	Salary.....	120.00
	P. O. Van Atter.....	.....do.....	65.90
	J. G. Haney, superintendent.....	Seed.....	22.50
	Merritt Harper.....	Salary.....	49.50
	Juanita Gay.....	.....do.....	7.66
	W. B. McCleary.....	.....do.....	12.50
6	Bausch & Lomb Optical Co.....	Repairs to camera.....	1.25
	T. W. Wood & Sons.....	Artichokes.....	1.50
	.....do.....	Seeds.....	4.25
	Geo. M. Tucker.....	Iron pots.....	62.05
	J. M. Thorburn.....	Seeds.....	10.20
	.....do.....	.....do.....	3.40
	Summer & Morris.....	Horseshoes.....	1.00
	J. Steckler Co. (Limited).....	Seeds.....	1.00
	D. Frank Parker.....	Stencil paper, etc.....	9.80
	Remington Typewriter Co.....	Typewriters, etc.....	180.70
10	C. E. Brereton.....	Prints.....	21.45
12	J. M. Westgate.....	Traveling expenses.....	73.71
13	Fred. A. Schmidt.....	Blueprint.....	.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 13	Distriet of Columbia Paper Manufacturing Co.	Plant drier	\$14.40
	Thos. R. Riley	Lumber	.84
	John Maloney	Services	12.00
	Somerville Bean	do	36.00
14	John T. Phipps	do	12.00
16	K. Knessi & Son	Trunk straps	12.00
	Thos. M. Everett	Seeds	25.00
	Lilly Bogardus & Co. (Incorporated)	do	2.00
18	Choctaw, Oklahoma and Gulf R. R. Co.	Passenger transportation	4.15
	Seaboard Air Line Rwy	do	8.65
	Atlantic Coast Line R. R. Co.	do	12.20
	Southern Rwy. Co.	do	8.99
19	E. Morrison Paper Co.	Newspaper stock	3.40
20	Barber & Ross	Glue	6.12
25	Delano & Moore	Photo. supplies	11.49
	do	Trunk	52.29
26	C. Becker	do	5.50
27	Byron Hunter	Traveling expenses	15.65
	David Griffiths	do	38.15
31	John Maloney	Salary	18.00
	John Phipps	do	18.00
	Somerville Bean	do	42.00
	W. J. Spillman et al.	Salaries	1,491.84
June 2	J. A. Widtsoe	Salary	200.00
	L. F. Powell	do	20.65
3	Mackall Bros.	Graduates, etc.	7.13
	Library Bureau	Binders, etc.	5.25
	The Geo. W. Knox Express Co.	Transportation	.73
	E. & W. Hackett	Seeds	14.00
	Henry Heil Chemical Co.	Arsenic and soda	6.00
	Edw. E. Evans	Beans	5.00
	do	Pease	16.25
	Church & Stephenson	Lumber	3.15
	do	do	10.20
	do	do	71.19
	do	do	60.55
	Cambridge Botanical Supply Co.	Plant digger	1.50
	Adams Express Co.	Transportation	4.85
	do	do	1.75
	do	do	4.00
	do	do	4.95
	do	do	2.95
	Rudolph, West & Co.	Screws, etc.	3.48
	D. Frank Parker	Memorandum books	1.00
	J. W. Norton	Article on maize	5.00
	United States Express Co.	Transportation	1.55
	J. M. Thorburn & Co.	Seeds	13.60
	James A. Small	Sand	2.00
6	Western Union Telegraph Co.	Telegraph service	1.95
8	A. S. Hitechoek	Traveling expenses	9.70
	L. F. Paull	do	8.30
	Juanita Gay	Salary	10.00
	W. B. McCleary	do	12.50
	Harrison Garman	do	120.00
	John A. Widtsoe	do	100.00
	Merritt Harper	do	51.00
	P. O. Van Atter	do	68.20
	C. V. Piper	do	170.40
	I. P. Roosa	Expenses	16.65
14	C. R. Ball	Traveling expenses	3.40
	do	do	6.10
15	Somerville Bean	Services	39.00
17	S. M. Tracy	Expenses	9.37
20	Cambridge Botanical Supply Co.	Envelopes	4.80
	National Electric Supply Co.	Fan	8.50
	D. Frank Parker	Paper	8.00
	Rudolph, West & Co.	Hardware	7.56
	W. B. Moses & Sons	Chairs	13.90
	Library Bureau	Binder	1.25
	Jas. B. Lambie Co. (Incorporated)	Hatchet handles	.40
	Kellogg Switchboard and Supply Co.	Desk sets	22.50
	Woodward & Lothrop	Coolers, etc.	23.20
	T. W. Wood & Sons	Seeds	8.00
	The C. J. McCubbin Co.	Frost closets	24.00
	The Fred. Macey Co. (Limited)	File cases	91.00
	The Okonite Co. (Limited)	Wire	20.15
	W. Silas Sheetz	Tripods	9.00
	E. Morrison Paper Co.	Cards	9.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 20	E. Morrison Paper Co.....	Paper.....	\$11.00
21	David Griffiths.....	Traveling expenses.....	86.84
24	John Murphy.....	Services.....	4.50
	A. S. Hitchcock.....	Traveling expenses.....	17.40
	R. A. Oakley.....	do.....	72.36
29	Delano & Moore.....	Photo. supplies.....	13.84
30	Somerville Bean.....	Salary.....	39.00
	L. F. Paull.....	do.....	40.00
	J. T. Parker.....	do.....	7.50
	W. D. Wilson.....	do.....	13.50
	W. J. Spillman et al.....	Salaries.....	1,345.65
	Total fourth quarter.....		8,476.90
	<i>Supplemental.</i>		
July 2	W. B. McCleary.....	Salary.....	12.50
	C. V. Piper.....	do.....	164.80
	Juanita Gay.....	do.....	10.00
	R. A. Oakley.....	do.....	82.40
	Harrison Garman.....	do.....	44.00
	Harold T. Nielsen.....	do.....	34.67
11	R. H. Forbes.....	do.....	75.00
	Geo. M. Tucker.....	Traveling expenses.....	41.83
	J. A. Widdsoe.....	Salary.....	100.00
14	J. S. Cotton.....	do.....	50.00
	P. L. Ricker.....	Traveling expenses.....	58.71
	Byron Hunter.....	do.....	123.35
15	J. M. Westgate.....	do.....	59.75
18	H. T. Nielsen.....	do.....	70.93
	R. A. Oakley.....	do.....	93.50
	C. V. Piper.....	do.....	75.40
	Church & Stephenson.....	Lumber.....	17.86
	do.....	do.....	63.64
	Daniel Hiser.....	Flower pots.....	3.50
19	E. Hackel.....	Specimens.....	68.00
	Library Bureau.....	Cards.....	1.75
	Mineralized Rubber Co.....	Rubber.....	9.25
	The Okonite Co. (Limited).....	Wire.....	2.10
20	D. C. Paper Manufacturing Co.....	Plant dryer.....	14.40
	Francis Miller.....	Light glass.....	30.04
	E. Morrison Paper Co.....	Cardboard.....	8.74
	do.....	Paper.....	3.40
	Remington Typewriter Co.....	Overhauling typewriter.....	14.45
	Wm. H. Rupp Co.....	Books.....	3.00
	E. G. Schafer & Co.....	Ells, etc.....	6.06
23	L. A. Clinton.....	Expenses.....	32.30
	do.....	do.....	7.55
	J. S. Cotton.....	Traveling expenses.....	43.75
	Pennsylvania R. R. Co.....	Passenger transportation.....	12.25
	do.....	do.....	50.50
	Southern Rwy. Co.....	do.....	55.25
30	Galveston, Harrisburg and San Antonio Rwy. Co.....	do.....	4.95
	do.....	do.....	15.35
	Missouri, Kansas and Texas Rwy. Co.....	do.....	17.00
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	19.15
	The Oregon R. R. and Navigation Co.....	do.....	24.95
	Norfolk and Washington, D. C., Steamboat Co.....	do.....	3.00
	New York, New Haven and Hudson River R. R. Co.....	do.....	5.00
	Atlantic Coast Line R. R. Co.....	do.....	50.85
	Chicago and Northwestern Rwy. Co.....	do.....	9.80
	Louisville and Nashville R. R. Co.....	do.....	21.88
Aug. 3	L. A. Clinton.....	Traveling expenses.....	10.15
	R. C. M. Burton & Sons.....	Awnings.....	16.00
	Delano & Moore.....	Photo supplies.....	16.38
	The Chesapeake and Potomac Telegraph Co.....	Call.....	.25
	do.....	Service.....	2.88
	Thos. Somerville & Sons.....	Plumbing material.....	14.05
	D. F. Parker.....	Paper.....	25.50
	Woodward & Lothrop.....	1 yard felt.....	1.25
16	C. M. Syvret.....	Mounting specimens.....	60.00
17	Barber & Ross.....	Door tracks, etc.....	11.10
	J. Baumgarten & Son.....	Dating stamps.....	.50
	The Geo. W. Knox Express Co.....	Drayage.....	.97
18	Geo. Gammil.....	Seeds.....	22.00
	Randolph Paper Box Co.....	Boxes.....	27.00
	Geo. M. Tucker.....	Lime.....	64.33

246 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Aug. 18	Library Bureau	Cards	\$6.00
25	J. S. Cotton	Traveling expenses	12.50
26	Western Union Telegraph Co.	Service	.25
27	David Griffiths	Traveling expenses	90.74
29	Geo. F. Muth & Co.	Ink, etc.	1.45
	Geo. M. Tucker	Seed	59.24
	United States Express Co.	Transportation	4.60
	do	do	5.34
Sept. 16	St. Joseph and Grand Isle R. R. Co.	Passenger transportation	19.48
	Nashville, Chattanooga and St. Louis Rwy. Co.	do	5.15
	Norfolk and Western Rwy. Co.	do	5.85
	Chicago, Rock Island and Pacific Rwy. Co.	do	16.00
	do	do	114.25
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	26.75
	The Pullman Co.	do	16.50
	Southern Rwy. Co.	do	12.73
	Maricopa, Phoenix and Salt River R. R. Co.	do	18.65
	Texas and Mexican Rwy. Co.	do	4.80
	National R. R. Co. of Mexico	do	21.60
	Santa Fe, Prescott and Phoenix Rwy. Co.	do	12.70
	Louisville and Nashville R. R. Co.	do	5.50
	El Paso and Southwestern R. R. Co.	do	3.70
	do	do	3.70
	Florida East Coast Rwy.	do	9.60
	Missouri Pacific Rwy. Co.	do	1.04
	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	do	19.00
	Oregon Rwy. and Navigation Co.	do	10.85
	do	do	20.30
20	Rudolph, West & Co.	Sandpaper	.10
	Adams Express Co.	Transportation	13.10
	do	do	4.50
	do	do	2.25
24	Baltimore and Ohio R. R. Co.	Passenger transportation	172.80
	Total		2,709.95

RECAPITULATION.

First quarter	\$6,363.46
Second quarter	8,781.47
Third quarter	7,808.44
Fourth quarter	8,476.90
Supplemental	2,709.95
Total	34,140.22

ACCOUNT PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1904.			
Dec. 7	Southern Pacific Co.	Passenger transportation	\$70.10

RENT.

1904.			
June 13	Jno. M. Beavers	Rent, May, 1904	\$125.00
July 5	do	Rent, June, 1904	125.00
	Total		250.00

EXPERIMENTAL GARDENS AND GROUNDS.

1903.			
July 30	Chas. White	Potting soil	\$10.00
25	The E. F. Brooks Co.	Burner	11.00
	C. M. Woolf & Co	Mower, etc.	42.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
July 25	E. S. Schmid.	Plant stakes	\$45.00
31	E. M. Byrnes et al.	Salaries	1,346.53
Aug. 4	J. Baumgarten & Sons	Steel stamp, etc.	7.00
	E. S. Schmid	Raffia for plant work	6.00
	do.	Wire supports	35.00
7	do.	Supports	45.50
	S. D. Houck	Whip, etc.	7.25
8	E. M. Byrnes	Expenses	8.13
10	J. T. Walker Sons	Roofing	18.00
12	E. S. Schmid	Stakes	9.70
	E. G. Schafer & Co.	Ties, etc.	241.46
	do.	do.	1.10
13	Edw. S. Schmid	Rose leaf extract	24.40
14	The M. Lindsay Rubber Co.	Tubing	4.80
	W. I. Brooke	Stone	1.75
	T. R. Riley	Lumber	42.21
22	Charles Shore	Bicycle tire	3.25
25	Rudolph, West & Co.	Rakes, etc.	110.25
27	George W. Stone	Barrels	7.50
	E. G. Schafer & Co.	Ells, etc.	11.92
31	E. M. Byrnes et al.	Salaries	1,409.87
Sept. 2	James J. Murphy	Labor and material	35.00
	Charles White	Sod	5.44
4	Potomac Electric Power Co.	Arc lamps	93.00
	do.	Electric current	2.52
	Washington Gaslight Co.	Gas	.20
	H. A. Dreer	Thermometers	28.50
9	E. M. Byrnes	Expenses	8.95
10	J. B. Lambie Co. (Incorporated)	Wire brads	1.75
	Francis Miller	Glass	36.75
	E. G. Schafer	Pipe, etc.	19.84
	Hugh Reilly	Brushes, etc.	12.47
	Rudolph, West & Co.	Step ladder, etc.	21.21
	J. B. Lambie Co. (Incorporated)	Tubing, etc.	1.10
	J. J. Murphy	Repairs	15.00
12	Charles White	Clover sod	1.70
14	Church & Stephenson	Lumber	205.15
	do.	do.	102.49
16	do.	do.	137.34
	P. Mann & Co.	2 dump carts	85.00
17	Peter Henderson	Knives	14.10
21	E. G. Schafer & Co.	Ells	37.52
	do.	do.	63.27
	do.	do.	12.61
	E. S. Schmid	Stakes	29.50
	Thos. Somerville & Sons	Ties, etc.	29.17
24	Mallinckrodt Chemical Works	Chemicals	2.05
	Thos. Somerville & Sons	Pipe	189.30
	E. G. Schafer & Co.	Stopcocks	5.78
	National Mortar Co.	Cement	42.00
30	E. M. Byrnes et al.	Salaries	1,382.80
	Total first quarter		6,071.88
Oct. 1	Thomas Ragan	Manure	40.00
8	Charles Shore	Repairs to bicycle	4.00
	E. M. Byrnes	Expenses	2.70
10	Potomac Electric Power Co.	Arc lamps, grounds	93.00
	do.	Electric current	3.74
	do.	do.	1.43
	Blue Line Transfer Co.	Transportation	33.65
	Rudolph, West & Co.	Hardware	22.61
	James B. Lambie Co. (Incorporated)	Hardware, etc.	12.10
	Washington Gaslight Co.	Gas	.90
	James B. Lambie Co. (Incorporated)	Drills, etc.	6.05
	Francis Miller	Glass	177.50
	Potomac Electric Power Co.	Electric current	3.39
	do.	Electric current, grounds	90.00
	Thos. Somerville & Sons	Valves, pipe, etc.	182.19
12	Edw. S. Schmid	Moss, etc.	6.00
	J. E. Hurley	Smokestack	115.00
	S. D. Houck	Girths, etc.	13.00
14	National Electrical Supply Co.	Silk cord	1.87
	C. J. Fanning	Slate lining	15.00
	Louis P. Menchine	Asbestos lining, etc.	49.17
	Church & Stephenson	Lumber	25.50
	do.	do.	2.80
	do.	do.	10.08
	do.	do.	36.75
	Columbia National Sand Dredging Co.	Gravel, etc.	6.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total.
* 1903.			
Oct. 22	J. H. Bunnell & Co.	Key sockets	\$1.95
	Edward Hurdle	Iron boxes	12.00
	John C. Moninger Co.	Carpenters' materials	313.70
	.....do.....	Ventilating apparatus	62.59
	C. M. Woolf & Co.	Baskets	3.80
	National Mortar Co.	Cement	25.20
23	The Zeigler Filter and Pottery Co.	Flower pots	191.58
	C. M. Woolf & Co.	Mower sections	7.51
	J. L. Crupper	Doors, etc.	20.00
28	E. G. Schafer & Co.	Plumbers' supplies	10.97
	Thos. Ragan	Manure	10.00
31	E. M. Byrnes et al.	Salaries	1,416.47
Nov. 10	E. M. Byrnes	Expenses	1.35
13	Barber & Ross	Iron	4.35
	M. Du Perow	Electric supplies	3.44
20	Edward Hurdle	Covering steam pipe	37.75
21	The Chesapeake and Potomac Telephone Co.	Telephone service	7.00
	Washington Gaslight Co.	Gas	.10
23	The Okonite Co. (Limited)	Wire	15.00
30	E. M. Byrnes et al.	Salaries	1,411.30
Dec. 1	The A. J. Joyce Carriage Co.	Grease	1.50
	Geo. F. Muth & Co.	Paints, etc.	65.37
	.....do.....	Oil, etc.	31.35
	Potomac Electric Power Co.	Lighting grounds	82.92
	.....do.....	Electric current	.28
	.....do.....	.....do.....	3.21
	Francis Miller	Turpentine and oil	38.63
	Edw. S. Schmid	Punk	14.40
	.....do.....	Glazing points	5.50
	Rudolph, West & Co.	Hardware	7.70
	James B. Lambie Co. (Incorporated)	.....do.....	5.50
	Washington Gaslight Co.	Gas	.20
	.....do.....	.....do.....	.60
	Thos. Somerville & Sons	Gauges, etc.	16.81
	.....do.....	Tanks	53.64
	Francis Miller	Glass	45.20
	E. G. Schafer & Co.	Plumbers' supplies	153.27
	.....do.....	.....do.....	1.44
	.....do.....	.....do.....	15.92
	.....do.....	.....do.....	.60
	.....do.....	.....do.....	1.16
2	Henry A. Dreer	Thermometers	13.50
	Edward Hurdle	Repairs	21.10
	.....do.....	Pipe	1.95
	C. Becker	Oil, etc.	2.20
	J. T. Walker Sons	Felt paper, etc.	6.85
3	John C. Moninger Co.	Ventilating apparatus	50.50
	Hollands Manufacturing Co.	Mixer, etc.	.64
5	The Cranford Paving Co.	Repairing roads, etc.	282.10
	Edward Hurdle	Gutter	23.80
	Wallace & Menchine	Asbestos covering	9.79
11	Barber & Ross	Iron, etc.	13.01
	Geo. F. Muth & Co.	Putty	3.50
	Rudolph, West & Co.	Hardware	14.75
14	Church & Stephenson	Lumber	12.80
	.....do.....	.....do.....	30.00
16	H. C. Jones	Manure	148.50
17	Thos. Somerville & Sons	Plumbing materials	62.46
	.....do.....	Wick packing	2.40
	James B. Lambie Co. (Incorporated)	Rules, etc.	3.20
	E. G. Schafer & Co.	Plumbers' supplies	20.61
	Edw. S. Schmid	Punk, etc.	10.80
29	Church & Stephenson	Tubs	100.00
	E. G. Schafer & Co.	Valves	25.92
31	E. M. Byrnes et al.	Salaries	1,444.10
	Total second quarter		7,361.88
1904.			
Jan. 6	Thos. Ragan	Manure	13.00
	Washington Gaslight Co.	Gas	.50
7	Potomac Electric Power Co.	Arc lamp	7.50
	.....do.....	.....do.....	7.50
	.....do.....	Lighting grounds	75.00
	.....do.....	Electric current	8.94
	.....do.....	.....do.....	5.52
	Thos. Somerville & Sons	Plumbers' supplies	46.68
12	Edw. S. Schmid	Moss	1.40
18	Louis Hartig	Iron rods	15.28
	Geo. F. Muth & Co.	Gasoline, etc.	6.50
	.....do.....	Paint, etc.	2.15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 18	The Cranford Paving Co.	Repairs to pavement	\$530.55
	.....do.....	.....do.....	189.00
26	J. T. Walker Sons	Charcoal	3.60
27	Thos. Somerville & Sons	Plumbing supplies	7.08
	Rudolph, West & Co.	Bolts .....	.76
	Edwin S. Schmid	Jars	6.00
	Francis Miller	Glass	1.60
	Potomac Electric Power Co.	Lighting grounds	93.00
	.....do.....	Electric current	2.12
	.....do.....	.....do.....	7.24
31	E. M. Byrnes et al.	Salaries	1,447.10
Feb. 3	Washington Gaslight Co.	Gas	1.10
	E. G. Schafer & Co.	Check valves	7.04
	The Chesapeake and Potomac Co.	Telephone service	7.00
9	Barber & Ross	Garden barrows	16.50
	The Alexandria Iron Co.	Grate bars	47.95
	James B. Lambie Co. (Incorporated) ..	Brooms	5.36
	Louis Hartig	Washers, etc.	3.34
	Potomac Electric Power Co.	Electric current	11.81
	.....do.....	Arc lamps	93.00
	Washington Gaslight Co.	Gas	1.50
	.....do.....	.....do.....	.50
18	F. S. Earle	Traveling expenses	12.50
	Hugh Reilly	Shellac	1.80
23	R. & J. Farquhar & Co.	Knives	36.00
24	Rudolph, West & Co.	Hardware	12.06
	Thos. Somerville & Sons	Pipe	137.54
	.....do.....	Die, etc. ....	.55
27	Western Union Telegraph Co.	Service .....	.55
29	E. M. Byrnes et al.	Salaries	1,397.45
Mar. 1	Guy Martellaro	Repairs to harness	3.00
3	E. G. Schafer & Co.	Valves, etc.	19.62
	.....do.....	.....do.....	6.35
	Edw. S. Schmid	Moss, etc.	3.40
4	Wm. Kane Manufacturing Co.	Hot-water generator	15.00
5	Mineralized Rubber Co.	Hose	52.50
11	Washington Gaslight Co.	Gas .....	.60
	Rudolph, West & Co.	Iron spout, etc.	7.77
	Wm. J. Zeh	Coal	397.00
	Potomac Electric Power Co.	Lighting grounds	87.00
	.....do.....	Current	3.91
	.....do.....	.....do.....	9.42
	Church & Stephenson	Lumber	62.50
	Postal Telegraph-Cable Co.	Service .....	.76
	E. G. Schafer & Co.	Plumbers' supplies	45.27
	The Grove Lime and Coal Co.	Clay	1.80
	United States Express Co.	Transportation	8.22
18	Washington Gaslight Co.	Gas .....	.60
22	Thos. Somerville & Sons	Asbestos	4.02
	Edw. S. Schmid	Insecticide	24.40
	Louis Hartig	Hardware	2.20
31	E. M. Byrnes et al.	Salaries	1,437.10
	Total third quarter		6,484.01
Apr. 7	E. M. Byrnes	Expenses	7.85
9	Washington Gaslight Co.	Gas .....	.80
	.....do.....	.....do.....	3.90
13	Wm. J. Zeh	Coal	397.03
14	Barber & Ross	Iron	4.04
	E. F. Brooks Co.	Water heater	12.00
	Jas. B. Lambie Co.	Padlocks, etc.	3.25
	E. G. Schafer & Co.	Plumbers' materials	14.69
	C. M. Woolf & Co.	Forks, etc.	5.10
15	Geo. W. Cutshall	Salary	26.00
	Frank Lee .....	.....do.....	22.75
	Chas. W. Dawson .....	.....do.....	17.50
	Jno. W. Dawson .....	.....do.....	30.00
16	W. H. Schultheis	Traveling expenses	4.25
18	Postal Telegraph-Cable Co.	Service	5.47
	Potomac Electric Power Co.	Current	5.89
	.....do.....	.....do.....	93.00
	.....do.....	.....do.....	8.80
	.....do.....	.....do.....	6.20
20	Mackall Bros.	Chemicals	150.00
30	J. A. Fennell	Horse	16.25
	C. W. Dawson	Salary	26.00
	G. W. Cutshall .....	.....do.....	30.00
	Jno. W. Dawson .....	.....do.....	30.00
	Frank Lee .....	.....do.....	22.75
May 11	E. M. Byrnes et al.	Salaries	1,051.79
	.....do.....	Expenses	5.82

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 13	Washington Gaslight Co.	Gas.	\$0.40
	Western Union Telegraph Co.	Service.	.21
	The Chesapeake and Potomac Telephone Co.	do.	7.00
14	Geo. W. Cutshall.	Salary.	24.00
	Frank Lee.	do.	21.00
	J. W. Dawson.	do.	26.00
	C. W. Dawson.	do.	15.00
16	Adams Express Co.	Transportation.	1.15
	do.	do.	2.70
21	Guy Martellaro.	Repairs to harness.	7.00
31	S. A. Reid.	Salary.	42.00
	Frank Lee.	do.	24.50
	Chas. W. Dawson.	do.	17.50
	G. W. Cutshall.	do.	28.00
	Jno. W. Dawson.	do.	28.00
June 3	E. M. Byrnes et al.	Salaries.	952.10
	E. G. Schafer & Co.	Pipe.	4.61
	Potomac Electric Power Co.	Current.	4.23
	do.	do.	5.80
	do.	Lighting grounds.	90.00
	United States Express Co.	Transportation.	7.32
	Thos. Somerville & Sons.	Tees, etc.	.48
4	Adams Express Co.	Transportation.	2.65
6	E. M. Byrnes.	Expenses.	8.29
	Jas. B. Lambie Co.	Drills.	.90
15	Geo. W. Cutshall.	Services.	26.00
	Stephen A. Reid.	do.	39.00
	Chas. W. Dawson.	do.	16.25
	Jno. Pope.	do.	4.50
	Frank Wagner.	do.	4.50
	Jno. W. Dawson.	do.	26.00
	Frank Lee.	do.	22.75
20	Rudolph, West & Co.	Lawn mowers, etc.	96.26
	Potomac Electric Power Co.	Lighting grounds.	93.00
	do.	Current.	1.93
	do.	Lamp pole.	25.00
	Geo. F. Muth & Co.	Lead, etc.	35.38
	do.	Oil, etc.	3.55
	Jas. B. Lambie Co.	Brooms.	6.90
	Washington Gaslight Co.	Gas.	.60
	C. M. Woolf & Co.	Hoes, etc.	7.50
	do.	Wheelbarrows.	18.00
	Edw. S. Schmid.	Insect powder.	15.00
	do.	Punk.	21.60
30	Geo. W. Cutshall.	Salary.	28.00
	Frank Lee.	do.	22.75
	Chas. W. Dawson.	do.	17.50
	Frank Wagner.	do.	19.50
	S. A. Reid.	do.	39.00
	Jno. W. Dawson.	do.	28.00
	Jno. Pope.	do.	19.50
	E. M. Byrnes et al.	Salaries.	879.10
	Total, fourth quarter.		4,804.04
	<i>Supplemental.</i>		
July 2	Edward Hurdle.	Sprinklers.	10.50
7	Church & Stephenson.	Lumber.	39.46
14	E. M. Byrnes.	Expenses.	1.55
18	Robt. Murphy.	Wood for foundation.	13.00
	Potomac Electric Power Co.	Arc lamps.	90.00
	do.	Current.	1.93
	Washington Gaslight Co.	Gas.	.20
20	Chesapeake and Potomac Telephone Co.	Services.	7.00
	Colorado National Sand Dredging Co.	Sand.	9.00
	do.	do.	3.00
	Edw. Hurdle.	Sprinkler, etc.	1.50
	Rudolph, West & Co.	Funnels, etc.	25.33
	Edw. S. Schmid.	Extract of tobacco.	25.00
	Thos. Somerville & Sons.	Tees, etc.	5.96
	do.	Pipe.	9.12
	do.	Tee.	.42
Aug. 3	Rudolph, West & Co.	Shears.	2.75
17	Barber & Ross.	Buckets.	1.79
	Geo. F. Muth & Co.	Printers' material.	6.32
	The C. J. McCubbin Co.	Flanges.	2.60
18	W. W. Woodworth.	Plant protectors.	5.10
	Total.		261.53

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

RECAPITULATION.

First quarter	\$6,071.88
Second quarter	7,361.88
Third quarter	6,484.01
Fourth quarter	4,804.04
Supplemental	261.53
Total	24,983.34

ARLINGTON EXPERIMENTAL FARM.

Date.	Name.	Nature of payment.	Total.
1903.			
July 25	T. R. Riley	Lumber	\$32.62
31	L. C. Corbett et al.	Salaries	964.04
Aug. 4	Louis Hartig	Bolt ends	2.05
	do	Iron nuts, etc.	46.90
	The Bryant Fertilizer Co.	Fertilizer	16.25
	T. R. Riley	Doors, etc.	7.83
7	Standard Oil Co.	Gasoline	15.87
12	E. G. Schafer & Co.	Sheet lead	9.50
14	American Writing Machine Co.	Paper	4.45
15	National Electrical Supply Co.	Belt, etc.	20.10
	Rudolph, West & Co.	Hinges	36.00
21	Yawman & Erbe Manufacturing Co.	Sections	22.50
	Leidy S. Depue	Oats	22.50
27	do	do	17.00
	J. G. Waters & Sons.	Cement	95
	E. G. Schafer & Co.	Fittings, etc.	944.79
31	L. C. Corbett et al.	Salaries	48.73
Sept. 4	do	Traveling expenses	16.68
	do	do	22.50
9	Leidy S. Depue	Oats	17.50
	Yawman & Erbe Manufacturing Co.	Sections	4.76
10	Barber & Ross	Iron	5.00
	T. R. Riley	Lumber	60.00
11	F. W. Bolgiano & Co.	One-horse buggy	11.35
	G. G. Boteler	Tool handles, etc.	32.50
18	L. C. Corbett	Expenses	8.68
21	Church & Stephenson	Lumber	95.00
	L. S. Depue	Hay	6.42
	T. W. Smith	Transoms, etc.	22.95
	T. R. Riley	Doors, etc.	9.25
	Delano & Moore	Plates and films	83.07
24	The Bryant Fertilizer Co.	Fertilizer	239.80
	H. K. Field & Co.	Window frames	12.00
	do	do	45.00
	L. S. Depue	Oats	9.50
	Rudolph, West & Co.	Nails	3.67
	Thos. Somerville & Sons.	Nipples, etc.	9.50
	Chauncey & Horrigan	Door sills	16.00
	F. W. Bolgiano & Co.	Wagon bed	21.00
	National Mortar Co.	Mortar	970.20
30	L. C. Corbett et al.	Salaries	
	Total, first quarter		3,934.84
Oct. 1	J. Murphy	Brick laying	350.00
10	Woodward & Lothrop	Water cooler and stand	9.65
	Rudolph, West & Co.	Nails	12.16
12	Standard Oil Co.	Gasoline	6.96
	Barber & Ross	Iron, etc. ....	.60
	Leidy S. Depue	Oats	45.00
	Louis Hartig	Iron, etc.	7.42
	The Falls Church Telegraph and Telephone Co.	Messages	6.60
	National Mortar Co.	Cement	31.50
	J. & H. Acheson	Iron plates	15.60
14	The Monumental Iron and Metal Co.	Shafting, etc.	28.00
	Church & Stephenson	Lumber	12.10
	Delano & Moore	Photo supplies	10.95
22	Harder Manufacturing Co.	Silo	200.00
	H. K. Field & Co.	Door frames, etc.	14.60
	The Silver Manufacturing Co.	Chain, etc.	9.50
29	L. C. Corbett	Expenses	121.50
31	L. C. Corbett et al.	Salaries	988.25
Nov. 13	F. W. Bolgiano & Co.	Bolts	3.85
	Delano & Moore	Solio prints	1.05
23	L. C. Corbett	Traveling expenses	23.54
30	L. C. Corbett et al.	Salaries	895.70
Dec. 1	District of Columbia Paper Manufacturing Co.	Herbarium paper	14.40
	Thos. R. Riley	Lumber	26.69
	do	do	37.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ARLINGTON EXPERIMENTAL FARM—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 1	H. C. Yohe.....	Mule.....	\$105.00
	National Mortar Co.....	Cement.....	21.00
	Geo. F. Muth & Co.....	Lead.....	8.12
	National Electrical Supply Co.....	Blocks, etc.....	9.49
	W. H. May & Son.....	Cultivator.....	28.50
	do.....	Slings, etc.....	22.00
	do.....	Wheelbarrows, etc.....	15.80
	do.....	Rake.....	22.00
	Rudolph, West & Co.....	Hardware.....	20.10
	Thos. Somerville & Sons.....	Pipe, etc.....	190.14
	Church & Stephenson.....	Lumber.....	50.18
	do.....	Shingles, etc.....	333.00
	E. G. Schafer & Co.....	Pipe, etc.....	17.40
	do.....	Plumbers' supplies.....	31.01
2	The Silver Manufacturing Co.....	Shredders' blades.....	3.93
	The Falls Church Telegraph and Telephone Co.....	Telephone service.....	6.10
	Thos. Meehan & Sons.....	Peach pits.....	2.55
	J. T. Walker Sons.....	Flue.....	6.00
	do.....	Flue and paper.....	36.50
	The National Mortar Co.....	Cement.....	10.50
	Wm. Walters Son.....	Shafts.....	6.00
3	The Challenge Wind Mill and Feed Mill Co.....	Grinder.....	20.00
8	Cleveland, Cincinnati, Chicago and St. Louis Rwy.....	Passenger transportation.....	17.50
	Pennsylvania R. R. Co.....	do.....	9.15
	New York, New Haven and Hartford R. R. Co.....	do.....	10.50
10	J. Murphy.....	Brick laying.....	31.00
	J. T. Walker Sons.....	Flue.....	1.50
	Leidy S. Depue.....	Feed.....	60.50
	W. T. Walker Brick Co.....	Brick.....	400.00
11	E. G. Schafer & Co.....	Pipe, etc.....	21.01
	Rudolph, West & Co.....	Hardware.....	24.28
14	Church & Stephenson.....	Lumber.....	43.30
	Nagle Engine and Boiler Works.....	Boilers.....	139.00
	W. H. May & Son.....	Hardware.....	5.60
	Herbert Bryant.....	Wire.....	3.96
16	The Falls Church Telegraph and Telephone Co.....	Telephone service.....	2.90
	J. Murphy.....	Brick laying.....	38.50
17	Delano & Moore.....	Lantern slides.....	2.74
23	L. C. Corbett.....	Expenses.....	30.00
29	Henry K. Field.....	Doors, etc.....	174.00
	The C. J. McCubbin Co.....	Ferrules.....	1.40
31	L. C. Corbett.....	Salaries.....	669.40
	Total second quarter.....		5,524.38
1904. Jan. 2	Archibald Thompson.....	Carpenter work.....	260.00
7	E. G. Schafer & Co.....	Materials, waterworks.....	11.00
	do.....	Pipe.....	5.26
	do.....	do.....	21.62
	Woodward & Lothrop.....	Jar, etc.....	2.35
	Thos. Somerville & Sons.....	Pump.....	7.58
8	Wilfong & Fawcett.....	Plastering.....	442.20
12	Standard Oil Co.....	Gasoline.....	7.54
	G. G. Boteler.....	Muzzles, etc.....	8.50
	H. K. Field & Co.....	Building materials.....	32.66
	Francis Miller.....	Turpentine.....	1.10
	Thos. R. Riley.....	Lumber.....	5.78
18	Church & Stephenson.....	do.....	33.40
	Louis Hartig.....	Horseshoes, etc.....	26.38
	J. & H. Atcheson.....	Pulleys, etc.....	18.04
25	New York Central and Hudson River R. R. Co.....	Passenger transportation.....	7.46
	Pennsylvania R. R. Co.....	do.....	19.55
	Archibald Thompson.....	Carpenter work.....	20.00
26	W. H. May & Son.....	Slings.....	12.00
	Delano & Moore.....	Photo supplies.....	1.14
27	Rudolph, West & Co.....	Hinges, etc.....	21.46
	James B. Lambie Co. (Incorporated).....	Wire.....	.88
31	L. C. Corbett et al.....	Salaries.....	570.50
Feb. 3	Geo. F. Muth & Co.....	Oil finish.....	7.80
	The Geo. W. Knox Express Co.....	Passenger transportation.....	1.36
	Z. D. Gilman.....	Weights.....	1.00
	Chesapeake and Potomac Telephone Co.....	Telephone service.....	.20
4	L. C. Corbett.....	Expenses.....	6.00
6	W. R. Beattie.....	do.....	64.29

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ARLINGTON EXPERIMENTAL FARM—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 6	W. R. Beattie	Traveling expenses	\$17.75
9	M. Du Perow	Switch	.52
17	Delano & Moore	Photo supplies	1.39
23	Wolf Bros	Jute	5.30
24	Thos. Somerville & Sons	Pipe, etc.	24.26
	do	Plumbing	58.47
	The Falls Church Telephone and Telegraph Co	Telephone service	6.40
29	L. C. Corbett et al	Salaries	509.86
Mar. 3	E. Morrison Paper Co	Paper	24.00
	do	do	9.72
	National Electrical Supply Co	Pulley	1.25
	John C. Rau	Batteries	2.70
5	Maccreery & Co	Hay	182.81
	Thos. Meehan & Sons	Apple stocks	10.60
	Union Envelope Co	Envelopes	2.78
11	Rudolph, West & Co	Brushes, etc	2.10
	H. Baader	Stovepipe and elbows	4.60
18	W. J. Zeh	Coal	16.59
22	Hugh Reilly	Paint	.64
	The Falls Church Telephone and Telegraph Co	Service	2.30
24	Blue Line Transfer Co	Transportation	.50
	Library Bureau	Book supports	1.20
	National Electric Supply Co	Pulley, etc	1.05
	National Mortar Co	Cement	6.24
	United States Express Co	Transportation	.25
	United States Envelope Co	Envelopes	2.48
31	L. C. Corbett et al	Salaries	591.00
	Total		3,103.31
Apr. 9	E. G. Schafer & Co	Pipe	15.19
20	The G. W. Knox Express Co	Transportation	.62
	J. H. Catts	Horses	300.00
	N. H. Burke	Mules	432.00
	C. T. Goods	Horses	300.00
30	E. C. Butterfield et al	Salaries	133.50
	Isaac Klinkett	Salary	36.75
	Tibbitt Allen	do	39.00
	Jno. C. Gordon	do	39.00
	J. W. Kelley	do	37.50
	Geo. O. Minor	do	34.50
May 4	The Falls Church Telephone and Telegraph Co	Service	3.50
6	National Mortar Co	Cement	15.86
	National Electric Supply Co	Hydraulic ram	11.00
	Mackall Bros	Formaldehyde	.76
7	C. E. Butterfield	Traveling expenses	10.26
9	C. T. Goods	Mules	300.00
12	S. Kann's Sons & Co	Bowl and pitcher	.79
	J. Murphy	Labor	3.65
	United States Envelope Co	Envelopes	2.52
	Challenge Wind Mill and Feed Mill Co	Grinding rings	1.75
	L. S. Depue	Oats	22.50
16	Conrad Becker	Reins	3.00
19	National Electric Supply Co	Glass balls	4.50
	E. Morrison Paper Co	Jackets	4.25
26	J. & H. Aitcheson	Feed cutter	3.50
June 3	J. M. Thorburn & Co	Seeds	.35
	Francis Miller	Oil	2.30
	J. E. Hurley	Repairs to pump	2.75
	H. K. Field & Co	Lumber	21.00
	The Falls Church Telephone and Telegraph Co	Service	2.90
	Church & Stephenson	Lumber	56.10
	F. W. Balgiano & Co	Harrow	14.50
	do	Seed, etc	5.40
	American Writing Machine Co	Paper	9.50
6	Maccreery & Co	Hay	199.52
	National Electric Supply Co	Wire	5.60
8	M. B. Waite	Potato plant	7.50
20	Rudolph, West & Co	Bolts	31.72
	The Falls Church Telephone and Telegraph Co	Service	4.00
	H. K. Field & Co	Screens	43.90
	Delano & Moore	Photo supplies	3.54
	F. W. Balgiano & Co	Plow	10.50
	Western Union Telegraph Co	Service	.22
30	Cornelius Syphax	Salary	10.50
	Total fourth quarter		2,187.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ARLINGTON EXPERIMENTAL FARM—(continued).

Date.	Name.	Nature of payment.	Total.
<i>Supplemental.</i>			
1904.			
July 18	L. C. Corbett.....	Traveling expenses.....	\$7.20
	do.....	Expenses.....	69.50
	J. Murphy.....	Labor.....	10.95
19	The H. E. Newbury Co.....	Bulbs.....	10.60
20	The G. W. Knox Express Co.....	Transportation.....	3.52
	Rudolph, West & Co.....	Pulls.....	1.44
Aug. 2	L. C. Corbett.....	Expenses.....	83.50
3	The Falls Church Telephone and Telegraph Co.....	Rental and calls.....	4.90
16	W. R. Beattie.....	Expenses.....	17.87
17	W. H. Muth & Co.....	White lead.....	3.19
	do.....	Lead.....	3.19
26	Adams Express Co.....	Transportation.....	1.80
	Total.....		217.06

RECAPITULATION.

Total first quarter.....	\$3,934.84
Total second quarter.....	5,524.38
Total third quarter.....	3,103.31
Total fourth quarter.....	2,187.70
Total supplemental.....	217.06
Total.....	14,967.29

TEA CULTURE INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	E. E. Hicks.....	Salary.....	\$84.20
Aug. 3	J. H. Kinsler.....	do.....	84.20
19	Geo. F. Mitchell.....	do.....	40.40
	L. R. Gadsden.....	do.....	25.00
31	E. E. Hicks.....	do.....	84.20
Sept. 3	J. H. Kinsler.....	Expenses.....	5.80
4	C. U. Shepard.....	Tea.....	316.25
9	J. H. Kinsler.....	Salary.....	84.20
11	G. F. Mitchell.....	do.....	40.40
	L. R. Gadsden.....	do.....	25.00
17	C. U. Shepard.....	Expenses.....	95.74
30	E. E. Hicks et al.....	Salaries.....	132.04
	Total first quarter.....		1,017.43
Oct. 2	J. H. Kinsler.....	Salary.....	81.60
9	L. R. Gadsden.....	do.....	25.00
	G. F. Mitchell.....	do.....	19.37
16	Charles U. Shepard.....	Expenses.....	16.75
	do.....	do.....	35.37
22	G. M. Davis & Son.....	Cylinder.....	31.15
	The Bailey-Lebby Co.....	Iron rings, etc.....	35.00
	do.....	Shaft, etc.....	42.59
	Emil Greiner.....	Thermometers.....	6.00
23	The Bailey-Lebby Co.....	Wheels, shafts, etc.....	29.73
	R. S. Long.....	Apparatus.....	78.60
29	Charles U. Shepard.....	Expenses.....	21.85
31	E. E. Hicks et al.....	Salaries.....	141.50
Nov. 3	J. H. Kinsler.....	Salary.....	84.20
6	Charles U. Shepard.....	Expenses.....	20.05
10	L. R. Gadsden.....	Salary.....	25.00
30	E. E. Hicks et al.....	Salaries.....	137.00
Dec. 1	Geo. F. Mitchell.....	Salary.....	79.60
	R. Carter Ballantyne.....	Pen carbon books.....	3.76
2	Elmer & Amend.....	Weights, etc.....	6.20
	Chas. U. Shepard.....	Tea seed.....	75.00
3	R. S. Long.....	Material and labor.....	8.80
4	J. H. Kinsler.....	Salary.....	81.60
8	L. R. Gadsden.....	do.....	25.00
	G. F. Mitchell.....	Traveling expenses.....	5.75
14	Woodward & Lothrop.....	Tea balls.....	1.38
29	The Bailey-Lebby Co.....	Wire cloth.....	9.90
31	E. E. Hicks et al.....	Salaries.....	141.50
	Total second quarter.....		1,269.45

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

TEA CULTURE INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 2	John H. Kinsler.....	Salary.....	\$84.20
6	L. R. Gadsden.....	do.....	25.00
25	Stewart, McLeod & Co.....	Machinery.....	34.93
26	Adams Express Co.....	Transportation.....	16.25
	Edw. Kremers.....	Salary.....	604.20
31	E. E. Hicks et al.....	Salaries.....	184.00
Feb. 2	J. H. Kinsler.....	Salary.....	85.20
11	L. R. Gadsden.....	do.....	25.00
12	I. P. Roosa.....	Expenses.....	12.34
	do.....	do.....	7.79
13	J. H. Kinsler.....	do.....	75.12
20	do.....	Transportation.....	104.84
23	Mallinckrodt Chemical Works.....	Salts.....	1.15
27	Western Union Telegraph Co.....	Service.....	3.39
29	E. E. Hicks et al.....	Salaries.....	172.00
Mar. 2	J. H. Kinsler.....	Salary.....	79.60
3	J. T. Walker Sons.....	Sand.....	1.00
	M. Du Perow.....	Supplies.....	2.77
	Z. D. Gilman.....	Bottles.....	3.53
4	L. R. Gadsden.....	Salary.....	25.00
	A. P. Borden & Co.....	Lumber.....	251.00
	Henry Heil Chemical Co.....	Pipettes.....	1.48
5	Library Bureau.....	Cards.....	10.55
	Merck & Co.....	Chemicals.....	2.28
	Queen & Co. (Incorporated).....	Alcohol.....	11.00
10	J. H. Kinsler.....	Expenses.....	154.52
11	Eimer & Amend.....	Funnels.....	11.53
17	Atlantic Coast Line R. R. Co.....	Passenger transportations.....	15.85
18	New York, Texas and Mexico Rwy. Co.....	do.....	115.78
	Southern Rwy. Co.....	do.....	15.05
	Texas and New Orleans R. R. Co.....	Passenger transportation.....	28.85
21	Whitall Tatum Co.....	Tube.....	2.41
22	R. D. Trimble.....	Traveling expenses.....	18.30
31	E. E. Hicks et al.....	Salaries.....	344.10
	Total, third quarter.....		2,529.96
Apr. 4	Jno. H. Kinsler.....	Salary.....	85.20
11	The Bailey Leiby Co.....	Repairing dies.....	10.25
12	C. S. Pitcher.....	Valve.....	19.85
14	Mackall Bros.....	Ether, etc.....	13.12
	Woodward & Lothrop.....	Clock.....	1.50
18	G. F. Mitchell.....	Traveling expenses.....	7.75
19	Jas. Scott & Sons.....	Bagging.....	106.25
	L. R. Gadsden.....	Salary.....	25.00
	H. J. Greene.....	Thermometers.....	7.00
20	Southern Rwy. Co.....	Passenger transportation.....	66.10
	do.....	do.....	14.55
	Washington-Southern Rwy. Co.....	do.....	15.85
	do.....	do.....	15.85
29	Edw. Kremer.....	Expenses.....	13.53
	J. H. Kinsler.....	do.....	18.80
30	E. E. Hicks et al.....	Salaries.....	253.90
May 4	J. H. Kinsler.....	Salary.....	82.40
6	Whitall Tatum Co.....	Bottles.....	7.45
7	I. P. Roosa.....	Duty on tea machinery.....	470.84
11	L. R. Gadsden.....	Salary.....	25.00
	J. H. Kinsler.....	Expenses.....	32.60
	G. F. Mitchell.....	Salary.....	44.51
12	W. T. Richtmann.....	Traveling expenses.....	15.60
13	Western Union Telegraph Co.....	Service.....	.30
18	Atlantic Coast Line R. R. Co.....	Passenger transportation.....	15.85
23	A. T. Borden.....	Expenses.....	76.05
25	Chas. U. Shepard.....	do.....	48.39
31	E. E. Hicks et al.....	Salaries.....	262.20
June 3	C. S. Pitcher.....	Woven wire.....	72.50
	Geo. Truesdell.....	Spring water.....	1.00
11	L. R. Gadsden.....	Salary.....	25.00
	G. F. Mitchell.....	do.....	51.00
	J. H. Kinsler.....	do.....	85.20
20	Adams Express Co.....	Transportation.....	5.00
	C. S. Pitcher.....	Wire.....	18.12
29	Adams Express Co.....	Transportation.....	.80
30	E. E. Hicks et al.....	Salaries.....	253.90
	Total, fourth quarter.....		2,268.21

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

TEA CULTURE INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	<i>Supplemental.</i>		
July 2	J. H. Kinsler.	Salary.	\$82.40
5	Chas. U. Shepard.	Expenses.	35.53
9	G. F. Mitchell.	Salary.	49.50
11	L. R. Gadsden.	do.	25.00
15	Chas. U. Shepard.	Expenses.	27.30
19	A. H. Thomas Co.	Flasks.	9.54
	The Bailey Lebbey Co.	Wire.	46.75
23	J. H. Kinsler.	Expenses.	43.95
	Pennsylvania R. R. Co.	Passenger transportation.	10.00
26	A. P. Borden.	Expenses.	36.30
Aug. 3	F. H. Finley & Son.	Distilled water.	2.50
11	H. E. Juenemann.	Traveling expenses.	4.00
17	The Chesapeake and Potomac Telegraph Co.	Service.	.30
18	McLeod Russel & Co.	Cablegram.	6.25
	Marshall Sons & Co.	Tea drier.	1,046.30
26	Western Union Telegraph Co.	Service.	.40
Sept. 19	Chicago and Northwestern Rwy. Co.	Transportation.	23.68
20	Adams Express Co.	do.	3.75
	Total.		1,454.05

RECAPITULATION.

Total, first quarter	\$1,017.43
Total, second quarter	1,269.45
Total, third quarter	2,529.96
Total, fourth quarter	2,268.21
Supplemental	1,454.05
Total	8,539.10

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 17	Capital Traction Co.	Car tickets.	\$10.00
23	H. A. Dreer (Incorporated).	Vegetable seeds.	5.99
	J. M. Lupton.	Seeds.	7.00
27	J. M. Thorburn & Co.	do.	70.40
28	Chas. P. Braslan.	do.	4,569.40
29	National Electrical Supply Co.	Desk fan.	10.50
	do.	Electrical supplies.	1.00
	E. J. Pullman.	do.	.90
31	A. J. Pieters et al.	Salaries.	3,753.24
Aug. 1	W. W. Tracy, sr.	Salary.	252.70
	E. Q. Knight.	do.	60.00
	G. W. Churchill.	do.	25.00
4	W. W. Tracy, sr.	Traveling expenses.	60.64
	A. J. Pieters.	do.	10.25
	Wyckoff, Seamans & Benedict.	Typewriter.	90.00
	do.	Adjusting machine.	2.90
	E. P. Hazelton.	Bicycle tire.	3.00
	do.	Vulcanizing tire.	.75
	M. Du Perow.	Tubes, etc.	7.44
5	G. P. McCabe.	Traveling expenses.	10.45
7	E. P. Hazelton.	Tires.	6.00
10	Comstock, Ferre & Co.	Seeds.	800.00
12	H. McC. Dowdy.	Report on varieties of corn.	28.00
13	David Bisset.	Plants.	80.00
14	J. A. Pierpoint.	Scoops.	1.50
15	Francis Miller.	Glass.	.73
17	Emil Geimer.	Graduate glass.	.80
	C. R. Hudson.	Services.	6.00
	The Okonite Co. (Limited).	Wire.	15.00
	F. R. Pierson.	Bulbs.	56.00
	Queen & Co. (Incorporated).	10 pounds of soda.	1.20
	J. M. Thorburn & Co.	Seeds.	646.80
	C. C. Morse & Co.	do.	7,645.63
	Charles Parker.	do.	1,976.85
	F. Barteldes & Co.	Melon seed.	860.00
	Waldo Rohmert.	Seeds.	764.00
18	Woodward & Lothrop.	Hat rack.	.95
19	T. W. Wood & Son.	Seeds.	750.00
	J. M. Lupton.	do.	7,071.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 19	H. C. and J. B. Agnew.....	Seeds.....	\$1,800.00
20	Barber & Ross.....	Cups.....	6.78
21	Capital Traction Co.....	240 car tickets.....	10.00
	F. P. May & Co.....	Hatchet, etc.....	2.85
27	Jas. B. Lambie.....	Mouse traps.....	2.00
31	A. J. Pieters et al.....	Salaries.....	3,428.73
Sept. 1	W. W. Tracy, sr.....	Salary.....	252.70
	Alfred C. Garton.....	.....do.....	26.90
	J. E. W. Tracy.....	.....do.....	117.90
	E. Q. Knight.....	.....do.....	60.00
	G. W. Churchill.....	.....do.....	25.00
3	B. T. Galloway.....	Traveling expenses.....	1.00
4	Potomac Electric Power Co.....	Electric current.....	12.63
	Washington Gaslight Co.....	Gas.....	.80
8	A. T. Pieters.....	Traveling expenses.....	46.48
9	Yawman & Erbe Manufacturing Co.....	File sections, etc.....	97.50
10	J. C. Parker.....	Eyelet machine, etc.....	8.50
	E. S. Schmid.....	Paper boxes.....	22.00
	J. H. Bunnell & Co.....	Sockets.....	1.95
	Currie Bros.....	Seeds.....	12.66
11	The Cleveland Seed Co.....	.....do.....	905.87
	Northrup, King & Co.....	Beets.....	280.00
14	W. W. Tracy, sr.....	Traveling expenses.....	13.95
	.....do.....	.....do.....	62.93
16	E. A. Burnett.....	Expenses.....	71.50
17	H. McC. Dowdy.....	Report on vegetables.....	24.00
18	Pennsylvania R. R. Co.....	Passenger transportation.....	14.25
	Delano & Moore.....	Film, etc.....	2.15
19	Detroit and Cleveland Navigation Co.....	Passenger transportation.....	7.00
21	Church & Stephenson.....	Sashes, etc.....	86.50
	Rudolph, West & Co.....	Locks.....	2.90
	E. G. Schafer & Co.....	Hose, bibb, etc.....	.84
24	J. M. Lupton.....	Seeds.....	1,505.00
	Dayton Fruit Tree Label Co.....	Tree labels.....	99.20
	Church & Stephenson.....	Lumber.....	66.00
	W. H. Morehouse & Co.....	Alfalfa seed.....	110.22
	Henry Nungesser.....	Vicia vallosa.....	75.00
	Automatic Regulator Co.....	Paper, etc.....	49.20
	American Writing Machine Co.....	Typewriter paper.....	38.00
	Lamb & Tilden.....	Numbering machine.....	35.00
	E. Howard Clock Co.....	Dials.....	9.60
	Francis Miller.....	Lights.....	3.21
	Vaughan's Seed Store.....	Vegetable seeds.....	2.65
24	Weeber & Don.....	.....do.....	2.40
	D. M. Ferry & Co.....	.....do.....	2.20
	J. M. Thorburn & Co.....	.....do.....	2.07
	Peter Henderson & Co.....	.....do.....	1.80
28	N. L. Willet Drug Co.....	.....do.....	850.00
	F. Barteldes.....	Alfalfa seed.....	135.80
	E. A. Burnett.....	Expenses.....	59.50
	Edward L. Coy.....	Traveling expenses.....	12.25
	C. C. Bateman.....	.....do.....	62.58
	C. F. Wheeler.....	.....do.....	107.82
	Cox Seed Co.....	Beans.....	442.20
30	A. J. Pieters et al.....	Salaries.....	3,581.84
	Total, first quarter.....		44,324.58
Oct 1	Geo. P. McCabe.....	Traveling expenses.....	9.95
2	W. W. Tracy, sr.....	Salary.....	244.60
	J. E. W. Tracy.....	.....do.....	114.20
3	A. J. Pieters.....	Traveling expenses.....	5.40
5	G. W. Churchill.....	Salary.....	25.00
	E. Q. Knight.....	.....do.....	60.00
8	John C. Parker.....	Cards.....	17.00
10	Washington Gaslight Co.....	Gas, September.....	.60
	.....do.....	Gas, August.....	.60
	The Geo. W. Knox Express Co.....	Transportation.....	.80
	Woodward & Lothrop.....	Water coolers.....	9.65
	Potomac Electric Power Co.....	Electric current.....	13.30
	Rudolph, West & Co.....	Screws, etc.....	60.84
	Potomac Electric Power Co.....	Electric current.....	11.73
12	J. T. Walker Sons.....	Felt.....	18.00
	M. Du Perow.....	Clusters, etc.....	5.96
	F. W. Bolgiano & Co.....	Oats.....	35.00
	.....do.....	Seeds.....	5.07
	J. M. Kimberlin & Co.....	.....do.....	600.00
	The Oliver Typewriter Co.....	Typewriter.....	75.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 14	The E. F. Brooks Co.....	Radiator, etc.....	\$41.75
	Delano & Moore.....	Photo supplies.....	3.70
	E. Morrison Paper Co.....	Paper.....	12.00
	Church & Stephenson.....	Sawdust.....	3.00
	Thos. R. Riley.....	Lumber.....	3.78
	C. M. Woolf & Co.....	Buckwheat hulls.....	12.46
	M. Du Perow.....	Electrical supplies.....	1.70
19	E. M. Byrnes.....	Traveling expenses.....	5.20
	S. A. Knapp.....	Expenses.....	71.65
21	Thomas D. George.....	Papering.....	20.00
23	Geo. P. McCabe.....	Traveling expenses.....	26.85
	The International Postal Supply Co. of New York.....	Rent machine.....	100.00
	Nicholas Le Page.....	Bulbs.....	28.50
	Henry A. Dreer (Incorporated).....	do.....	100.00
	W. Atlee Burpee & Co.....	Seeds.....	1.88
	The Okonite Co.....	Wire.....	3.00
	E. H. Morrison.....	Seeds.....	258.30
	Chas. Montague.....	do.....	15.00
	J. M. Thorburn & Co.....	do.....	11.00
	do.....	do.....	5.21
	C. R. Hudson.....	Work on cotton.....	34.00
	Capital Traction Co.....	Fare tickets.....	10.00
	Thos. Somerville & Sons.....	Pipe, etc.....	12.14
28	W. W. Tracy, sr.....	Traveling expenses.....	124.05
	Thomas Ragan.....	Manure.....	15.00
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	6.25
29	W. W. Long.....	Traveling expenses.....	13.95
	S. A. Knapp.....	Expenses.....	67.60
31	New York Central and Hudson River R. R. Co.....	Passenger transportation.....	11.07
	do.....	do.....	6.00
	Michigan Central R. R. Co.....	do.....	13.40
	Newport and Wickford R. R. and Steamboat Co.....	do.....	3.24
Nov. 3	A. J. Pieters et al.....	Salaries.....	3,722.85
	J. E. W. Tracy.....	Salary.....	117.90
	G. W. Churchill.....	do.....	25.00
	W. W. Tracy, sr.....	do.....	252.70
4	E. Q. Knight.....	do.....	60.00
6	Wheeler & Wilson Manufacturing Co.....	Rent of machine.....	3.00
10	Goldsmith Co.....	Signs.....	10.00
11	C. C. Bateman.....	Traveling expenses.....	42.40
13	J. L. Crupper.....	Door.....	2.50
	R. P. Andrews & Co. (Incorporated).....	Paper.....	13.14
	Barber & Ross.....	Label holders.....	37.50
	M. Du Perow.....	Switch.....	.85
14	B. T. Galloway.....	Traveling expenses.....	49.95
17	Edward L. Coy.....	do.....	12.25
19	James W. Wilson.....	Expenses.....	90.10
	Edward L. Coy.....	Cultivation cucumbers.....	275.00
20	J. M. Beavers.....	Barrels.....	3.75
	Chas. E. Pruntz.....	Grass seed.....	450.00
	D. M. Ferry & Co.....	Seed.....	40.00
	Henry F. Mitchell.....	Bulbs.....	100.00
	Thomas Meehan & Sons.....	Plants.....	12.26
	C. J. Speelman & Sons.....	Bulbs.....	1,247.27
	John W. Macrae Smith.....	do.....	103.20
21	W. B. Moses & Sons.....	Bookcases, etc.....	14.65
	Potomac Electric Power Co.....	Lamps.....	1.28
23	O. G. Hempstead & Co.....	Seeds.....	11.00
	C. R. Hudson.....	Services.....	101.10
	S. A. Knapp.....	Expenses.....	17.71
24	Robert McLennan.....	Traveling expenses.....	129.48
25	S. A. Knapp.....	do.....	144.07
	W. H. Morehouse & Co.....	Seed.....	20.00
27	E. A. Burnett.....	Expenses.....	44.00
30	do.....	do.....	244.60
	W. W. Tracy, sr.....	Salary.....	3,640.29
	A. J. Pieters et al.....	Salaries.....	397.00
Dec 1	Wm. J. Zeh.....	Coal.....	1.20
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	2.75
	do.....	do.....	3.76
	Potomac Electric Power Co.....	Electric current.....	8.85
	Thos. R. Riley.....	Lumber.....	2.55
	M. Du Perow.....	Electric supplies.....	2.10
	do.....	do.....	5.00
	Pope Manufacturing Co.....	Tire, etc.....	3.06
	do.....	Repairs.....	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 1	Pope Manufacturing Co.....	Bars.....	\$0.75
	F. W. Bolgiano & Co.....	Seeds.....	1.80
	Brentanos.....	Pen.....	4.00
	.....do.....	.....do.....	6.50
	.....do.....	Memorandum books.....	5.82
	.....do.....	Pen.....	2.50
	Hugh Reilly.....	Brushes.....	1.50
	Rudolph, West & Co.....	Hand cart.....	7.40
	Woodward & Lothrop.....	Desks, etc.....	73.09
	Edw. S. Schmid.....	Moss.....	2.10
	Church & Stephenson.....	Lumber.....	179.70
	Thos. Somerville & Sons.....	Traps.....	28.30
	E. Morrison Paper Co.....	Pencils.....	.60
	Clark & Davenport.....	Rug.....	27.50
	.....do.....	.....do.....	37.50
	Francis Miller.....	Glass.....	3.90
	National Electrical Supply Co.....	Electrical supplies.....	10.08
	Washington Gaslight Co.....	Gas.....	1.00
	James B. Lambie Co. (Incorporated).....	Broom.....	1.25
	.....do.....	Belting.....	5.75
	.....do.....	Hangers, etc.....	3.33
	.....do.....	Brooms.....	1.73
	Pope Manufacturing Co.....	Vulcanizing tire.....	.50
2	John W. Macrae Smith.....	Bulbs.....	5.00
	L. L. May & Co.....	Seed.....	6.70
	W. Atlee Burpee & Co.....	.....do.....	5.00
	Peter Henderson & Co.....	Violets, etc.....	38.86
	Henry A. Dreer (Incorporated).....	Plants.....	296.20
	.....do.....	Bulbs.....	36.00
	Thos. Meehan & Sons.....	Plants.....	211.95
	.....do.....	Coffee plants.....	8.61
	Oliver Typewriter Co.....	Repairing typewriter.....	3.00
	Wheeler & Wilson Manufacturing Co.....	Rent machine.....	3.00
	J. Baumgarten & Sons.....	Daters.....	10.80
	R. P. Andrews & Co. (Incorporated).....	Clips.....	9.59
	J. B. Espey.....	Spring.....	2.00
	C. M. Woolf & Co.....	Buckwheat hulls.....	12.40
	Kellogg Switchboard and Supply Co.....	Desk stand.....	11.25
	T. W. Wood & Sons.....	Seeds.....	9.25
	.....do.....	.....do.....	15.60
	T. S. Williams.....	Use land, etc.....	175.00
	Randolph Paper Box Co.....	Boxes.....	186.00
	M. Cushman & Co.....	Seed.....	146.24
	W. S. Hull.....	Salary.....	50.00
3	D. S. Bliss.....	Traveling expenses.....	2.50
	Robert Craig & Son.....	Plants.....	93.00
	C. Wesley Coy.....	Drawings.....	24.00
	W. A. Manda (Incorporated).....	Plants.....	42.50
	P. J. Berckman Co.....	Grapevines.....	109.70
	Nicholas Le Page.....	Packing, etc.....	1.60
	Wm. K. Harris.....	Pots of plants.....	165.00
	The Albert Dickinson Co.....	Seeds.....	12.87
	The Draper Manufacturing Co.....	Thermometers.....	80.00
	G. L. Taber.....	Grapevines.....	71.50
	Aug. Rhotert.....	Raffia.....	19.94
	F. W. Galehouse.....	Seeds.....	37.57
	E. H. Purdy.....	.....do.....	31.90
	F. H. Schule Co.....	Separator.....	150.00
	Slaymaker & Son.....	Strawberry plants.....	261.78
4	S. A. Knapp.....	Expenses.....	60.75
	.....do.....	Salary.....	163.00
	Chas. D. Woods.....	Expenses.....	6.56
	E. Q. Knight.....	Salary.....	60.00
	G. W. Churchill.....	.....do.....	25.00
8	Boston and Maine R. R.....	Passenger transportation.....	4.04
	California Northwestern Rwy. Co.....	.....do.....	3.00
	.....do.....	.....do.....	6.00
	Southern Rwy. Co.....	.....do.....	27.50
	The Chesapeake and Ohio Rwy. Co.....	.....do.....	77.00
	Pennsylvania R. R. Co.....	.....do.....	25.90
	.....do.....	.....do.....	4.00
	Missouri, Kansas and Texas Rwy. Co.....	.....do.....	4.35
10	T. Steineger.....	Translating.....	12.00
11	Brentanos.....	Pen.....	5.00
	The Geo. W. Knox Express Co.....	Transportation.....	54.57
	.....do.....	.....do.....	135.58
14	Hamilton Adams.....	Tags.....	6.00
	Capital Traction Co.....	Tickets.....	10.00
	Columbia National Sand Dredging Co.....	Sand.....	10.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 14	Church & Stephenson	Lumber	\$30.56
	do.	do.	14.00
	do.	do.	6.72
	Vilmorin, Andreux & Co.	Seed	493.68
	Schroeder & Arguimbon	Tobacco seed	600.00
	R. Vander Schoot & Son	Bulbs	319.47
	The Stoors & Harrison Co.	Fruit trees, etc.	56.26
	T. V. Munson & Son	Grapevines	44.00
	Wm. G. Johnston & Co.	Blank sheets	16.00
	Bush & Sons	Grapevines	48.00
	Underwood Typewriter Co.	Stand	4.25
	Carl Purdy	Bulbs	10.50
15	S. A. Knapp	Expenses	29.29
	do.	do.	62.00
	do.	do.	94.70
	Pennsylvania R. R. Co.	Transportation	6.32
	do.	do.	6.94
	Littlefield, Alvord & Co.	do.	30.54
	Adams Express Co.	do.	13.76
	Washington Southern Rwy. Co.	do.	9.00
16	The John C. Grafflin Co.	Bags	357.50
	P. J. Berckman Co.	Citrus trifoliata	20.00
	C. J. Speelman Sons	Plants	120.50
	The Everett B. Clark Co.	Seeds	2.50
	T. S. Hubbard Co.	Grapevines	308.60
17	Rudolph, West & Co.	Springs, etc.	7.43
	James B. Lambie Co. (Incorporated)	Traps	.60
	The Maurice Joyce Engraving Co.	Signatures	.50
18	Chicago and Eastern Illinois R. R. Co.	Passenger transportation	5.30
	Maine Steamship Co.	do.	6.00
	Baltimore and Ohio R. R. Co.	do.	4.37
19	H. Clay Jones	Manure	169.09
	Barr & Sons	Bulbs	73.52
23	A. J. Pieters	Expenses	9.98
26	do.	do.	27.85
28	Elias L. Rivers	Cotton seed	400.00
29	The John C. Grafflin Co.	Socks	71.50
	The Albert Dickinson Co.	Seeds	88.75
	J. M. Thorburn & Co.	do.	1.57
	Henry A. Dreer (Incorporated)	do.	16.60
	do.	do.	2.60
	Hamilton Adams	Fasteners	3.50
	Giddings & Steele	Rugs	13.00
	W. B. Moses & Sons	Bookcases	40.00
	District of Columbia Paper Manufacturing Co.	Blotting paper	27.00
	J. E. W. Tracy	Traveling expenses	46.73
31	A. J. Pieters et al.	Salaries	3,825.53
	Total second quarter		24,832.12
1904. Jan. 2	W. W. Tracy, sr.	Salary	252.70
	W. S. Hull	do.	50.00
5	S. A. Knapp	Expenses	55.24
	E. Q. Knight	Salary	60.00
	G. W. Churchill	do.	25.00
6	S. A. Knapp	do.	168.50
	do.	Expenses	28.80
	do.	do.	37.20
	Mary A. Austin	Salary	4.52
	F. P. Hardenstein	do.	2.42
7	Washington Gaslight Co.	Gas	1.40
	Potomac Electric Power Co.	Lamps	1.28
	do.	Electric current	2.67
	do.	do.	.30
	E. G. Schafer & Co.	Plumbers' supplies	3.50
	W. B. Moses & Sons	Chairs, etc.	20.00
	John C. Parker	Stationery supplies	83.93
	Woodward & Lothrop	Clock and shades	15.75
8	J. T. Walker Sons	Felt	18.00
	National Window and Office Cleaning Co.	Cleaning windows	5.10
	Underwood Typewriter Co.	Stand	4.25
	W. J. Zeh	Coal	397.00
11	B. T. Galloway	Traveling expenses	39.20
12	H. Clay Jones	Manure	105.93
	M. Du Perow	Electric supplies	8.30
14	Chas. P. Braslan	Seeds	1,055.60
	do.	do.	1,767.80
15	The Brown Bag Filling Machine Co.	Putting up seed	6,175.65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Jan 16	W. K. Harris.....	Plants.....	\$51.00
	Charles Parker.....	Seeds.....	170.63
	Thomas Maney.....	Apple scions.....	9.00
	Robert Gair Co.....	Seed packets.....	79.00
	A. D. Rigden.....	Seed.....	25.00
	The Goodwin Harries Co.....	do.....	99.00
	S. A. Knapp.....	Expenses.....	45.18
	do.....	do.....	40.00
	do.....	Traveling expenses.....	48.85
	do.....	do.....	26.02
	do.....	Expenses.....	35.70
	G. W. Churchill.....	Salary.....	12.10
	S. A. Knapp.....	Expenses.....	121.50
	W. W. Tracy, sr.....	Traveling expenses.....	32.45
18	Adams Express Co.....	Transportation.....	7.87
	W. H. Dyer.....	Ash springs.....	6.00
	E. L. Coy.....	Seed.....	80.64
	W. Atlee Burpee.....	Pepper seed.....	253.70
	The Henry Philipps Seed and Implement Co.	Seeds.....	410.40
	August Rhotert.....	Bulbs.....	1,001.88
	D. V. Burrell.....	Seeds.....	2,020.62
	M. H. Smith & Son.....	Pepper seed.....	451.20
	J. M. Thorburn & Co.....	Seeds.....	300.00
	Cox Seed Co.....	do.....	235.96
	T. W. Wood & Sons.....	do.....	1,526.75
	John Bodger & Sons.....	do.....	1,363.68
	Jones Brothers Co.....	do.....	94.87
19	G. L. Taber.....	Pecan seedlings.....	30.00
	J. C. Robinson.....	Seeds.....	206.20
	Reasoner Bros.....	Plants.....	5.60
	The Henry Philipps Seed and Implement Co.	Seeds.....	350.00
	North Pacific Trading Co.....	do.....	3.00
	Thos. Ragan.....	Manure.....	20.00
25	Union Pacific R. R. Co.....	Passenger transportation.....	1.56
	New York, New Haven and Hartford R. R. Co.	do.....	7.00
	do.....	do.....	12.25
	E. H. Morrison.....	Seeds.....	2,691.30
	do.....	do.....	1,080.00
	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation.....	4.30
	New York Central and Hudson River R. R. Co.	do.....	8.87
	Pennsylvania Co.....	do.....	17.50
	Pennsylvania R. R. Co.....	do.....	17.00
	do.....	do.....	24.00
	D. V. Burrell.....	Seeds and bags.....	2,020.79
	Henry A. Dreer (Incorporated).....	Seeds.....	76.00
	Geo. P. Foaden.....	do.....	528.45
	W. K. Harris.....	Plants.....	100.00
	Thos. Meehan & Sons (Incorporated).....	Seeds.....	8.98
	Library Bureau.....	Oak case.....	18.00
	Queen & Co. (Incorporated).....	Carbon bisulphide.....	6.00
	The Okonite Co. (Limited).....	Wire.....	2.10
	E. A. Bessey.....	Salary.....	53.21
26	Bobbink & Atkins.....	Trees.....	57.50
	Giddings & Steele.....	Rugs.....	6.85
	Jos. W. Walker.....	Paste.....	2.25
	Clark & Davenport.....	Carpet.....	25.49
	Church & Stephenson.....	Lumber.....	116.74
	Delano & Moore.....	Photo supplies.....	14.82
	do.....	Seed plates.....	6.93
	Woodward & Lothrop.....	Desk, etc.....	51.44
	N. L. Willet Drug Co.....	Seeds.....	413.38
	J. M. Thorburn & Co.....	do.....	14.40
	J. W. Walker.....	Paste.....	2.25
27	S. A. Knapp.....	Expenses.....	10.20
	Northrup, King & Co.....	Seeds.....	450.00
	J. H. Bunnell & Co.....	Shades.....	4.10
	Capelle Hardware Co.....	Seeds.....	29.32
	Thos. Somerville & Sons.....	Radiator sections.....	20.00
	do.....	Pipe, etc.....	11.66
	W. B. Moses & Sons.....	Denim, etc.....	4.25
	do.....	Chair.....	7.20
	Rudolph, West & Co.....	Latches.....	8.40
	James B. Lambie Co. (Incorporated).....	Weather strip.....	3.12
	L. L. Hayes.....	Electric work.....	30.00
	American Writing Machine Co.....	Typewriter paper.....	38.00
	F. W. Bolgiano & Co.....	Seeds.....	59.21
	Underwood Typewriter Co.....	Typewriter.....	85.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 27	Underwood Typewriter Co.	Stands.	\$8. 50
	Remington Typewriter Co.	Brushes.	2. 50
	Densmore Typewriter Co.	Repairs to typewriter.	5. 15
	Potomac Electric Power Co.	Electric current.	4. 21
	do.	Lamps.	3. 08
	do.	do.	1. 60
28	do.	Electric current. ....	. 76
	I. P. Roosa.	Expenses.	16. 53
	do.	do.	10. 78
29	Lompoc Produce and Real Estate Co.	Seeds.	1,646. 15
	The J. K. Armsby Co.	do.	2,649. 12
	Smith Premier Typewriter Co.	Repairs to typewriter. ....	. 98
	Henry Hell Chemical Co.	Sodium.	6,175. 93
30	The Brown Bag Filling Machine Co.	Putting up seeds.	50. 00
31	W. S. Hull.	Salary.	4,182. 16
Feb. 1	A. J. Pieters et al.	Salaries.	98. 90
	P. H. Dorsett.	Salary.	60. 00
	E. Q. Knight.	do.	255. 50
2	W. W. Tracy, sr.	do.	18. 06
	A. B. Sloane.	do.	82. 42
3	S. A. Knapp.	do.	1. 20
	Washington Gaslight Co.	Gas.	6. 75
	Smith Premier Typewriter Co.	Repairs.	6. 24
	Potomac Electric Power Co.	Lamps.	19. 60
	James B. Lambie Co. (Incorporated).	Reel box strap.	228. 40
	The Geo. W. Knox Express Co.	Transportation.	10. 00
	Capital Traction Co.	Tickets.	6. 25
	The Chesapeake and Potomac Telephone Co.	Telephone service.	3. 82
6	Herman Baumgarten.	Stamp holders.	30. 00
9	A. Lamson-Scribner.	Traveling expenses.	19. 95
	American Writing Machine Co.	Paper.	1. 92
	Wm. Ballantyne & Son.	Book covers.	2. 28
	M. Du Perow.	Buzzers. ....	. 50
	The Maurice Joyce Engraving Co.	Stamp.	2. 50
	F. P. May & Co.	Traps.	8. 70
	Potomac Electric Power Co.	Electric current. ....	. 50
	National Electric Supply Co.	Shade holders.	1. 50
	E. Morrison Paper Co.	Tags.	37. 70
	Woodward & Lothrop.	Desk and cards.	20. 00
	do.	Clocks.	1. 20
12	Washington Gaslight Co.	Gas.	60. 00
	Peter Fisher.	Carnations.	142. 50
	Henry A. Dreer (Incorporated).	Plants.	57. 95
	do.	Seeds.	700. 00
	Marx Schaefer.	do.	167. 00
	J. C. Robinson.	do.	180. 00
	G. F. Park.	do.	357. 00
	Northrup, King & Co.	do.	12. 00
	Geo. J. Streator.	do.	72. 00
	J. M. Thorburn & Co.	do.	2. 00
	do.	do.	8. 00
	P. J. Berckmans Co.	Grapevines.	13. 10
	Eugene Bosse.	Flaxseed.	2. 50
	J. H. Bunnell & Co.	Shades.	23. 25
	H. C. & J. B. Agnew.	Seeds.	120. 00
	A. B. Leckenby.	do.	97. 00
	J. M. Lupton.	Planting cabbage.	26. 66
	do.	do.	11. 25
	Kellogg Switchboard Supply Co.	Desk set.	1,897. 50
	N. B. Keeney & Son.	Seeds.	66. 50
	The E. G. Hill Co.	Plants.	45. 45
	United States Envelope Co.	Envelopes.	262. 52
	C. P. Coy & Son.	Seeds.	300. 00
13	J. E. Culpepper.	do.	25. 34
15	I. P. Roosa.	Expenses.	30. 00
	S. A. Knapp.	do.	117. 00
	do.	do.	5. 80
	do.	do.	6,178. 37
17	The Brown Bag Filling Machine Co.	Putting up seeds.	900. 00
	J. M. Thorburn & Co.	Seeds.	500. 00
	Geo. W. Fruitt.	do.	67. 50
	Slate Seed Co.	do.	175. 00
	J. B. Rice Seed Co.	do.	37. 40
	J. W. Newman.	do.	43. 50
	M. Luther Michael.	do.	907. 14
	Lenawee Seed Co.	do.	375. 00
	Jas. T. Jones.	do.	46. 50
	W. A. Denison.	Seed testing.	328. 35
	F. Barteldes & Co.	Seeds.	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 17	W. H. Barrett.....	Seeds.....	\$364.48
	Baltimore and Ohio R. R. Co.....	Transportation.....	27.50
18	S. A. Knapp.....	Expenses.....	10.10
	do.....	do.....	52.05
	Washington Southern R. R. Co.....	Transportation.....	.25
	Pennsylvania R. R. Co.....	do.....	2.60
	do.....	Passenger transportation.....	13.00
	Florida East Coast Rwy. Co.....	do.....	7.90
23	Yawman & Erbe Manufacturing Co.....	Cards.....	42.00
	T. S. Williams.....	Seeds.....	400.00
	Stump & Walter Co.....	do.....	8.80
	Aug. Rhotert.....	Cuttings.....	284.76
	Randolph Paper Box Co.....	Pamphlet cases.....	12.00
	M. Knauer.....	Beet seed.....	8.00
	W. H. Grenell.....	Seeds.....	103.50
	Eberhard Faber.....	Pencils.....	3.53
24	W. B. Moses & Sons.....	Shade, etc.....	16.55
	E. Morrison Paper Co.....	Files.....	2.40
	F. P. May & Co.....	Trap.....	.63
	J. Baumgarten & Sons.....	Rack.....	.90
	F. W. Balgiano & Co.....	Seed.....	164.55
	Church & Stephenson.....	Lumber.....	19.99
	do.....	do.....	11.75
	do.....	do.....	1.68
	Clark & Davenport.....	Carpet.....	22.39
	Remington Typewriter Co.....	Typewriter, etc.....	92.25
	United States Express Co.....	Transportation.....	97.11
	A. J. Pieters.....	Traveling expenses.....	14.70
	do.....	Expenses.....	35.50
	W. J. Zeh.....	Coal.....	397.00
	T. J. King.....	Cotton seed.....	3,220.00
	Western Union Telegraph Co.....	Service.....	17.14
29	A. J. Pieters et al.....	Salaries.....	4,070.22
Mar. 1	W. S. Hull.....	Salary.....	50.00
	W. W. Tracy, sr.....	do.....	239.00
	E. Q. Knight.....	do.....	60.00
2	Jno. Dee Beck.....	do.....	75.81
	P. H. Dorsett.....	do.....	179.30
	Fred Stockwell.....	do.....	60.00
	A. B. Sloane.....	do.....	35.00
	J. S. Jones.....	do.....	50.00
3	E. Morrison Paper Co.....	Pencils.....	1.50
	The Mathy Co. (Incorporated).....	Tin boxes.....	17.00
	D. Frank Parker.....	Typewriter paper.....	10.20
	Remington Typewriter Co.....	Card attachment.....	2.45
	Yawman & Erbe Manufacturing Co.....	Guides.....	2.75
	J. Baumgarten & Sons.....	Stamp rack.....	1.30
	Jas. B. Lambie & Co.....	Sieves.....	2.60
4	Henry Lee.....	Seeds.....	30.00
	D. Landreth Seed Co.....	do.....	120.96
	Jones Bros. Co.....	do.....	175.08
	Peter Henderson & Co.....	do.....	60.40
	do.....	Plants.....	43.90
	W. H. Grenell.....	Seeds.....	688.19
	W. B. Folmar.....	Cultivating cotton.....	294.20
	Henry Fish.....	Beans.....	2,045.63
	D. M. Ferry & Co.....	Seeds.....	1,131.56
	Henry A. Dreer (Incorporated).....	do.....	88.50
	Bausch & Lomb Optical Co.....	Balances etc.....	16.50
	G. W. Boynton.....	Sweet corn.....	5.00
	S. A. Knapp.....	Expenses.....	136.60
	Jas. A. Tanner.....	Traveling expenses.....	14.26
5	Stump & Walter Co.....	Seeds.....	323.38
	N. L. Willett Drug Co.....	do.....	380.25
	T. W. Wood & Son.....	Oats.....	21.75
	Thos. Meehan & Sons.....	Apple stock.....	2.75
	C. C. Morse & Co.....	Seeds.....	28.88
	The Henry Phillips Seed and Improvement Co.....	do.....	28.36
	J. A. Shine.....	do.....	1,059.00
	J. M. Thorburn & Co.....	do.....	3.30
9	The Brown Bag Filling Machine Co.....	Putting up seeds.....	6,175.17
	Geo. P. McCabe.....	Traveling expenses.....	11.10
11	Washington Gaslight Co.....	Gas.....	1.60
	Yawman & Erbe Manufacturing Co.....	Cabinet.....	18.50
	do.....	Perforator.....	1.50
	J. W. Walker.....	Paste.....	2.60
	Potomac Electric Power Co.....	Current.....	10.08
	G. W. Churchill.....	Traveling expenses.....	12.95

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	American Writing Machine Co.	Paper.	\$9.50
	The Densmore Typewriter Co.	Repairs.	1.06
	Postal Telegraph-Cable Co.	Service.	10.65
	do.	do.	1.12
	J. E. W. Tracy.	Traveling expenses.	20.20
	E. G. Schafer.	Supplies.	12.24
	F. Barteldes & Co.	Seeds.	100.00
	C. W. Leffingwell, jr.	do.	5.60
	Vaughn Seed Store.	do.	182.90
	J. M. Thorburn & Co.	do.	5,395.55
	T. S. Hubbard Co.	Plants.	66.00
	H. C. Davison.	Copying books.	73.10
	Griswold Seed Co.	Seeds.	35.42
17	Baltimore and Ohio R. R. Co.	Transportation.	57.82
	Chicago and Northwestern Rwy. Co.	Passenger transportation.	12.75
18	Missouri, Kansas and Texas Rwy. Co.	do.	12.20
	Pennsylvania R. R. Co.	do.	10.00
	do.	Transportation.	22.89
	Blue Line Transfer Co.	do.	2.03
	W. H. Rupp Co.	Note book.	1.20
	Southern Pacific Co.	Passenger transportation.	12.50
21	T. W. Wood & Sons.	Beans.	1.65
	R. Vincent, jr., & Son.	Plants.	13.00
	G. L. Tabor.	do.	8.96
	J. M. Thorburn & Co.	Seeds.	35.60
	do.	do.	7.50
	F. H. Schule Co.	Separator, etc.	250.00
	I. P. Roosa.	Shipping plants.	47.18
	T. H. Reed.	Seeds.	28.32
	W. E. Marvin.	Cultivating alfalfa.	25.00
	Jno. Jungermann.	do.	25.00
	S. M. Isbell & Co.	Seeds.	28.72
	The E. Howard Clock Co.	Keys. ....	.90
	Peter Henderson & Co.	Seeds.	11.32
	Fink Bros. Seed Co.	do.	32.30
	Dayton Fruit Tree Label Co.	Stakes.	10.50
	H. A. Dreer (Incorporated).	Seeds.	14.55
	do.	do.	4.50
	D. L. Crumpacker.	do.	27.85
22	A. J. Pieters.	Traveling expenses.	19.95
	Capital Traction Co.	Tickets.	10.00
	Church & Stephenson.	Lumber.	77.50
	F. W. Balgiano & Co.	Seeds.	6.13
	The Alexandria Iron Works.	Iron supports.	40.60
	A. V. Stubenranch.	Traveling expenses.	73.70
	S. A. Knapp.	Expenses.	60.00
	do.	do.	40.00
	Thos. Somerville & Sons.	Pipe.	6.79
24	D. M. Ferry & Co.	Flower seeds.	3.52
	The Geo. W. Knox Express Co.	Transportation.	18.37
	J. M. Lupton.	Cultivating cauliflower.	58.63
	C. C. Morse & Co.	Seeds.	153.34
	do.	do.	1,134.11
	do.	do.	1,895.37
	Rudolph, West and Co.	Door check, etc.	2.04
	Thos. Somerville & Sons.	Radiator section.	6.25
	United States Envelope Co.	Envelopes.	3.83
	Waldo Rohnert.	Seeds.	1,032.15
26	Yawman & Erbe Manufacturing Co.	Cabinet.	8.25
	The Brown Bag Filling Machine Co.	Putting up seeds.	6,175.55
28	S. A. Knapp.	Expenses.	236.33
	A. L. Scribner.	do.	87.35
	W. W. Tracy, sr.	do.	45.24
29	F. W. Balgiano & Co.	Corn sheller.	1.75
	The Draper Manufacturing Co.	Ink.	3.00
	D. M. Ferry & Co.	Seeds.	37.15
	do.	do.	6.25
	Fink Bros. Seed Co.	Corn.	5.35
	N. B. Keeney & Son.	Beans.	489.00
	Indian Head Plantations (Incorporated).	Tobacco seed.	268.00
31	E. G. Schafer & Co.	Valves.	3.88
	A. J. Pieters et al.	Salaries.	4,243.62
	Total third quarter.		103,895.70
Apr. 4	W. T. Philipps & Co.	Seeds.	600.00
	Northrup, King & Co.	do.	4.60
	J. B. Rice Seed Co.	do.	72.00
	Rogers Bros.	do.	212.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 4	Chas. Sharpe & Co. (Limited)	Seeds	\$2.68
	Street & Graves	do.	53.04
	The Steele Briggs Seed Co.	do.	1.25
	J. M. Thorburn & Co.	do.	2.32
	Will W. Tracy, sr.	Salary	255.50
	A. L. Scribner	Traveling expenses	132.55
	Townsend Mikell	Cotton seed	75.00
	J. M. Thorburn & Co.	Seeds	4.22
	do.	do.	7.00
	Western seed and Irrigation Co.	do.	1,053.40
	Lenawee Seed Co.	do.	176.02
	J. M. Parker	do.	1,926.47
	W. H. Maule	do.	2.05
	Merchants and Planters' Oil Co.	Handling cotton	91.95
	do.	Rent	88.75
	E. B. Clarke Co.	Seed corn	250.00
	Cleveland Seed Co.	Seeds	623.42
	Edw. F. Dibble	do.	737.50
	Iowa Seed Co.	do.	30.40
	P. H. Dorsett	Salary	191.60
	Jno. Dee Beck	do.	50.00
	A. B. Sloane	do.	35.00
	Ernest A. Bessey	Traveling expenses	41.13
	Jno. S. Jones	Salary	50.00
	W. S. Hull	do.	50.00
	W. E. Willis	do.	50.00
	Fred Stockwell	do.	60.00
6	I. P. Roosa	Expenses	93.84
	Edw. Q. Knight	Salary	60.00
9	E. Morrison Paper Co.	Seed packets	9.20
	E. S. Schmid	Fern balls	20.00
	Mary E. Parker, executrix	Pencils	5.00
	Ernest A. Bessey	Traveling expenses	146.93
	W. B. Moses & Sons	Chair	5.50
	do.	do.	8.18
	F. W. Balgiano & Co.	Seeds	3.07
	do.	do.	30.05
	Lamb & Tilden	Type	8.88
	J. Baumgarten & Sons	Daters	1.80
	The Maurice Joyce Engraving Co.	Signature .....	.50
	E. P. Hazelton	Repairs to bicycles	2.00
	Delano & Moore	Supplies	2.90
	A. D. Shamel	Traveling expenses	208.40
	The Geo. W. Knox Express Co.	Transportation	30.15
	do.	do. ....	.25
	Underwood Typewriter Co.	Typewriter	87.50
	Yawman & Erbe Manufacturing Co.	Filing cases	39.00
	Washington Gaslight Co.	Gas	1.70
11	W. Atlee, Burpee & Co.	Seeds	355.68
	do.	do.	56.42
	do.	do.	2.16
	Johnson & Stokes	do.	8.25
	Comstock, Ferre & Co.	do.	4.00
	Hooper Bro. & Thomas	Peach trees	14.00
	Holmes Seed Co.	Seeds	757.96
	W. K. Harris	Plants	75.00
12	T. W. Wood & Sons	Peanuts, etc.	6.50
	do.	Seeds	1,971.52
	N. L. Willet Drug Co.	do.	4.50
	J. M. Thorburn & Co.	do.	99.50
	J. C. Moninger Co.	Building materials	497.42
	Henry Nungesser & Co.	Seeds	22.80
	J. M. Thorburn & Co.	do.	7.50
	do.	do.	28.50
	do.	do.	60.00
	do.	do.	6.73
14	R. Carter Ballantyne	Envelopes	4.53
	E. Morrison Paper Co.	Pencils .....	.85
	The Maurice Joyce Engraving Co.	Signature .....	.50
	Potomac Electric Power Co.	Arc lamp	3.00
	do.	Current	14.11
	National Electric Supply Co.	Stereopticon lamps	1.70
	United States Express Co.	Transportation	42.75
	American Writing Machine Co.	Paper	9.50
15	J. L. Reeves	Salary	19.50
18	J. E. W. Tracy	Traveling expenses	44.12
	Western Union Telegraph Co.	Service	2.70
	Postal Telegraph-Cable Co.	do.	3.65
	do.	do.	3.91

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 18	Postal Telegraph-Cable Co.....	Service.....	\$38. 14
	United States Express Co.....	Transportation.....	27. 35
	do.....	do.....	28. 51
	Edw. S. Schmid.....	Sprayer.....	6. 50
	Fred. A. Schmidt.....	Crayon paper.....	10. 01
	D. F. Parker.....	Typewriter paper.....	5. 10
	W. B. Moses & Sons.....	Chairs.....	11. 00
	Francis Miller.....	Glass.....	700. 00
	F. P. May & Co.....	Scoops, etc.....	8. 90
	Delano & Moore.....	Photo supplies.....	19. 40
	Harrisons, F. Harrison, manager.....	Envelopes.....	9. 50
	W. S. Clark.....	Pansy plants.....	37. 50
	R. Carter Ballantyne.....	Paper.....	2. 80
	Brentanos.....	Portfolio.....	4. 34
19	W. D. Tyler.....	Seeds.....	31. 44
	Street & Graves.....	do.....	306. 00
	J. M. Thorburn & Co.....	do.....	1. 23
	do.....	do.....	3. 84
	The Stumpp & Walter Co.....	do.....	36. 51
	Henry Nuggesser & Co.....	do.....	64. 25
	H. Philipps Seed and Improvement Co.....	do.....	750. 00
	Chas. E. Prunty.....	do.....	45. 00
	Thos. Meehan & Sons.....	Plants.....	7. 66
	C. C. Morse & Co.....	Seeds.....	855. 25
	McClure Seed Co.....	do.....	1, 762. 42
	T. V. Munson & Son.....	Grapevine.....	147. 42
	J. H. McNowen.....	Seeds.....	24. 40
	J. B. Rice Seed Co.....	Corn.....	18. 30
	The Stumpp & Walter Co.....	Seeds.....	127. 30
	American Can Co.....	Mailing tubes.....	16. 06
	Alabama Nursery Co.....	Fruit trees.....	88. 50
	W. Atlee Burpee Co.....	Seeds.....	383. 25
	do.....	do.....	275. 60
	Capelle Hardware Co.....	do.....	94. 90
	A. N. Clark.....	Corn.....	255. 43
	The Everett B. Clark Co.....	do.....	104. 40
	Jno. Lewis Childs.....	Bulbs.....	2. 35
	The Draper Manufacturing Co.....	Charts.....	6. 18
	The A. Dickinson Co.....	Seeds.....	75. 50
	Empire Beet Sugar Co.....	do.....	33. 00
	Henry A. Dreer (Incorporated).....	Plants.....	48. 00
	do.....	do.....	62. 50
	F. H. Eberling.....	Seeds.....	29. 40
	J. F. Reed.....	Salary.....	40. 90
	Vilmorin & Andrieux.....	Seeds.....	5. 31
	do.....	do.....	3. 39
	do.....	do.....	1. 97
	Haage & Schmidt.....	do.....	5. 63
	F. C. Heinemann.....	do.....	3. 26
	W. W. Johnson & Son.....	do.....	257. 14
	Ernest Benary.....	do.....	31. 75
	Dabbie & Co.....	do.....	2. 31
	Jas. Carter & Co.....	do.....	1. 92
	Iowa Seed Co.....	do.....	58. 90
	Haage & Schmidt.....	do.....	2. 65
	Hurst & Son.....	do.....	3. 20
	T. S. Hubbard & Co.....	Grapevine.....	6. 70
	T. W. Wood & Sons.....	Beans.....	474. 43
	do.....	Seeds.....	2. 25
20	Pennsylvania R. R. Co.....	Passenger transportation.....	24. 20
	do.....	do.....	. 53
	The Pullman Co.....	do.....	16. 50
	Oceanic S. S. Co.....	do.....	12. 07
	New York Central and Hudson River R. R. Co.....	do.....	19. 15
	New York, Texas and Mexico Rwy. Co.....	do.....	1. 03
	New York and Porto Rico S. S. Co.....	do.....	. 26
	Missouri, Kansas and Texas Rwy. Co.....	do.....	37. 30
	San Antonio and Gulf R. R. Co.....	do.....	4. 98
	Washington and Southern Rwy. Co.....	do.....	1. 31
	do.....	do.....	21. 88
	do.....	do.....	46. 80
	do.....	do.....	54. 90
	do.....	do.....	101. 47
	do.....	do.....	1. 41
	Southern Rwy. Co.....	do.....	59. 95
	Union Pacific R. R. Co.....	do.....	17. 24
	The Wabash R. R. Co.....	do.....	35. 25
	Seaboard Air Line Rwy.....	do.....	34. 45
	Richmond, Fredericksburg and Potomac R. Co.....	do.....	. 25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 20	S. A. Knapp.....	Expenses.....	\$40.00
	.....do.....	.....do.....	92.50
	.....do.....	.....do.....	60.00
	.....do.....	.....do.....	55.00
	Luther Burbank.....	Plants.....	4.50
	Remington Typewriter Co.....	Repairs.....	.60
	Houston and Texas Central R. R. Co.....	Transportation.....	30.99
	Gulf, Western Texas and Pacific Rwy. Co.....	.....do.....	2.96
	Galveston, Harrisburgh and San Antonio Rwy. Co.....	Passenger transportation.....	6.30
	S. A. Knapp.....	Traveling expenses.....	9.51
21	P. H. Dorsett.....	.....do.....	96.62
28	Will Kremers.....	Salary.....	101.72
	Washington Southern Rwy Co.....	Transportation.....	131.92
	.....do.....	.....do.....	91.50
	.....do.....	.....do.....	1.37
	Pennsylvania R. R. Co.....	.....do.....	61.20
	Houston and Texas Central R. R. Co.....	.....do.....	51.20
29	C. P. Hartley.....	Expenses.....	74.91
	O. F. Cosper.....	Care rush roots.....	\$9.00
	S. A. Knapp.....	Expenses.....	76.36
	.....do.....	.....do.....	30.15
30	J. L. Reeves.....	Salary.....	21.00
	J. H. Copland.....	.....do.....	25.00
	Jos. A. Ganges.....	.....do.....	37.09
	A. J. Pieters et al.....	Salaries.....	4, 118.72
May 2	W. W. Tracy, sr.....	Salary.....	247.25
	W. E. Willis.....	.....do.....	50.00
	W. S. Hull.....	.....do.....	50.00
	W. W. Smith.....	.....do.....	123.60
	W. R. Beattie.....	.....do.....	123.60
	Jno. Dee Beck.....	.....do.....	50.00
	Fred Stockwell.....	.....do.....	60.00
	F. L. Scribner.....	.....do.....	116.76
	Jno. S. Jones.....	.....do.....	50.00
	Edw. Goucher.....	.....do.....	56.87
	P. H. Dorsett.....	.....do.....	185.45
	A. B. Sloane.....	.....do.....	35.00
	Jos. F. Reed.....	.....do.....	59.60
3	The Brown Bag Filling Machine Co.....	Putting up seed.....	6, 030.24
	Will Kremers.....	Traveling expenses.....	119.73
4	W. L. Foster.....	Seed.....	32.40
	R. & J. Farquhar & Co.....	.....do.....	8.25
	Chas. P. Braslan.....	.....do.....	108.00
	.....do.....	.....do.....	175.00
	Binghamton Seed Co.....	.....do.....	11.67
	C. P. Coy & Son.....	Corn.....	75.00
	The Cleveland Seed Co.....	Beet seeds.....	470.95
	Jno. Sweeney.....	Drayage.....	163.20
6	B. T. Galloway.....	Traveling expenses.....	74.75
	Jno. S. Young.....	Seeds.....	7.90
	T. W. Wood & Sons.....	Peanuts.....	1.35
	Jas. Veitch & Sons (Limited).....	Seeds.....	81.77
	Vaughn's Seed Store.....	.....do.....	16.50
	United States Envelope Co.....	Envelopes.....	12.60
	.....do.....	.....do.....	12.60
	J. M. Thorburn & Co.....	Roots.....	271.16
	.....do.....	Seeds.....	26.27
	.....do.....	.....do.....	36.17
	.....do.....	.....do.....	7.40
	Sanilac Sugar Refining Co.....	.....do.....	32.97
	Slaymaker & Son.....	Plants.....	66.50
	Reasoner Bros.....	.....do.....	1.50
	National Electric Supply Co.....	Carbide.....	.50
	Remington Typewriter Co.....	Typewriter.....	92.25
	.....do.....	Repairs to typewriters.....	15.25
	J. C. Robinson.....	Corn.....	250.00
	J. B. Rice Seed Co.....	Seeds.....	225.00
	The H. Philipps Seed and Improvement Co.....	.....do.....	35.00
	Henry Nungesser & Co.....	.....do.....	18.40
	.....do.....	.....do.....	12.50
	Menomonee River Sugar Co.....	.....do.....	35.04
	J. W. Keer.....	Almond trees.....	4.90
	Funk Bros. Seed Co.....	Corn.....	17.00
	Eberhard Faber.....	Bands.....	1.20
	E. F. Dibble.....	Beans.....	81.00
	H. C. & J. B. Agnew.....	Seeds.....	300.00
	F. Barteldes & Co.....	.....do.....	1.85
	W. Atlee Burpee Co.....	.....do.....	22.00
7	A. D. Shamel.....	Traveling expenses.....	7.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 9	Delano & Moore.....	Photo supplies.....	\$5.70
	do.....	do.....	3.60
12	D. O. Munson.....	Apple trees.....	20.00
	J. Baumgarten & Sons.....	Band dater.....	3.60
	Brentanos (Incorporated).....	Pen.....	4.00
	Littlefield, Alvord & Co.....	Hauling.....	55.60
	do.....	do.....	10.37
	The Brown Bag Filling Machine Co.....	Putting up seeds.....	1,349.27
	do.....	do.....	6,114.72
13	E. Morrison Paper Co.....	Pencil pointers.....	7.50
	do.....	Files.....	3.90
	The Maurice Joyce Engraving Co.....	Engravings.....	.50
	W. Silas Sheetz.....	Camera, etc.....	48.30
	Smith Premier Typewriter Co.....	Repairs.....	1.00
	Western Union Telegraph Co.....	Service.....	65.27
	The Chesapeake and Potomac Telegraph Co.....	do.....	6.25
	The G. W. Knox Express Co.....	Transportation.....	1.42
	do.....	do.....	33.39
	Capital Traction Co.....	Tickets.....	10.00
	American Writing Machine Co.....	Typewriter paper.....	95.00
	F. W. Bolgiano & Co.....	Corn, etc.....	2.02
	do.....	Fertilizer.....	46.20
	Jno. B. Espey.....	Wire.....	12.16
	Rudolph, West & Co.....	Label holders.....	23.48
14	Jno. L. Reeves.....	Services.....	19.50
	J. A. Ganges.....	do.....	37.09
	J. H. Copland.....	do.....	24.19
16	F. E. Heinemann.....	Seeds.....	2.74
	W. J. Zeh.....	Coal.....	198.50
	Haage & Schmidt.....	Catalogue.....	1.14
	Sluis & Groat.....	Seeds.....	2.06
	Yawman & Erbe Manufacturing Co.....	Card sections.....	16.50
	Alice M. Sawyer.....	Traveling expenses.....	2.05
18	Illinois Central R. R. Co.....	Passenger transportation.....	21.12
	Galveston, Harrisburg and San Antonio Rwy. Co.....	Transportation.....	28.51
	do.....	do.....	62.75
	do.....	do.....	14.53
	New York, Texas and Mexico Rwy. Co.....	do.....	4.14
	San Antonio and Gulf R. R. Co.....	do.....	3.31
	Washington Southern Rwy. Co.....	do.....	7.42
	The Chesapeake and Ohio Rwy. Co.....	Passenger transportation.....	19.25
	S. A. Knapp.....	Expenses.....	200.65
	Choctaw, Oklahoma and Gulf R. R. Co.....	Passenger transportation.....	36.55
	Pere Marquette R. R. Co.....	do.....	6.56
19	J. E. W. Tracy.....	Traveling expenses.....	19.94
20	Earl Milliken.....	Roots.....	364.14
21	The Brown Bag Filling Machine Co.....	Putting up seeds.....	1,842.27
	do.....	do.....	19.66
24	Jas. F. Reed.....	Traveling expenses.....	31.05
25	Delano & Moore.....	Photo. supplies.....	5.30
26	Bowser & Towles.....	Mules.....	550.85
	Ernest Benary.....	Seeds.....	5.06
	Jno. Bawder.....	Ferns.....	40.00
	Alexander Seed Co.....	Peanuts.....	2.25
31	J. H. Copland.....	Salary.....	25.81
	J. L. Reeves.....	do.....	24.00
	J. A. Ganges.....	do.....	39.56
	A. J. Pieters et al.....	Salaries.....	3,972.75
June 1	W. W. Smith.....	Salary.....	127.80
2	F. L. Scribner.....	do.....	213.00
	P. H. Dorsett.....	do.....	191.60
	W. R. Beattie.....	do.....	127.80
	W. W. Tracy, sr.....	do.....	255.50
	W. S. Hull.....	do.....	50.00
	W. E. Willis.....	do.....	50.00
	Edw. Goucher.....	do.....	76.60
	J. F. Reed.....	Traveling expenses.....	20.75
	do.....	Salary.....	40.80
	Will Kremers.....	do.....	20.00
	A. B. Sloane.....	do.....	35.00
	Alice M. Sawyer.....	do.....	40.80
	Jno. Dee Beck.....	do.....	50.00
	Jno. S. Jones.....	do.....	50.00
	Fred. Stockwell.....	do.....	60.00
3	Edw. S. Schmid.....	Leaf mold.....	25.00
	E. G. Schafer & Co.....	Terra-cotta pipe.....	128.30
	Potomac Electric Power Co.....	Current.....	13.65
	Chas. Parker.....	Seeds.....	60.90
	Thos. Meehan & Sons.....	Trees.....	9.65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 3	Thos. Meehan & Sons	Plants.....	\$14.66
	Kendall & Whitney	Corn.....	5.00
	United States Express Co.....	Transportation.....	285.76
	Zuckerfabrik Klein Wazelben Vorin.....	Beet seed.....	4.25
	O. C. Thompson.....	Corn.....	8.75
	J. M. Thorburn & Co.....	Seeds.....	4.91
	do.....	do.....	1.49
	W. Silas Sheetz	Camera, etc.....	18.00
	do.....	Film packs.....	12.60
	do.....	Camera, etc.....	104.33
	N. B. Keeney & Son	Seed testing.....	200.00
	Washington Gaslight Co.....	Gas.....	1.30
	The W. H. Moon Co.....	Plant.....	3.00
	Littlefield, Alvord & Co.....	Transportation.....	82.79
	James B. Lambie Co.....	Wire netting, etc.....	14.00
	The G. W. Knox Express Co.....	Transportation.....	72.69
	Iowa Seed Co.....	Corn.....	5.65
	do.....	do.....	2.65
	T. S. Hubbard Co.....	Grapevine.....	41.60
	The E. G. Hill Co.....	Rose plants.....	83.90
	do.....	do.....	303.00
	E. P. Hazleton.....	Repairs to bicycle.....	2.00
	Frank Harrison.....	Pen.....	4.00
	Robt. Gair Co.....	Seed bags.....	42.93
	Eberhard Faber.....	Rubber bands.....	14.40
	W. H. Dyer.....	Stakes.....	20.00
	do.....	do.....	15.00
	Church & Stephenson.....	Lumber.....	36.00
	California Nursery Co.....	Grapevines.....	107.68
	Jas. Carter & Co.....	Seeds.....	15.63
	Brentanos.....	Pen.....	5.00
	W. Atlee, Burpee & Co.....	Seeds.....	4.99
	Adams Express Co.....	Transportation.....	18.00
	do.....	do.....	10.95
	do.....	do.....	24.21
	do.....	do.....	60.45
	do.....	do.....	39.41
	do.....	do.....	88.74
4	Chas. Shore.....	Repairing bicycle.....	1.65
	L. S. Depue.....	Oats.....	45.00
6	H. A. Dreer (Incorporated).....	Bulbs, etc.....	62.50
	Church & Stephenson.....	Lumber.....	37.92
	The E. G. Hill Co.....	Roses.....	25.00
	do.....	Chrysanthemums.....	3.00
	Dr. F. Franceschi.....	Lippia repens.....	2.50
	Thos. Meehan & Sons.....	Plants.....	43.00
	F. W. Kelsey.....	do.....	30.50
	N. B. Keeney & Son.....	Photos.....	139.17
	Wm. Ewing & Co.....	Seeds.....	3.03
	Wm. T. Bowen.....	Scale.....	30.00
	American Writing Machine Co.....	Paper.....	19.00
	do.....	do.....	19.00
	R. C. Ballantyne.....	Fillers.....	3.90
	Remington Typewriter Co.....	Adjusting typewriter.....	15.00
	Edw. S. Schmid.....	Leaf molds and moss.....	45.00
	do.....	Labels.....	128.25
	J. Steckler Seed Co.....	Bulbs.....	3.00
	Swayze, Bailey & Co.....	Carton paper.....	37.20
	Woodward & Lothrop.....	Desks, etc.....	77.19
	do.....	Burlap.....	15.00
	Yawman & Erbe Manufacturing Co.....	Sections, etc.....	12.50
8	W. W. Tracy, sr.....	Expenses.....	32.41
	I. P. Roosa.....	do.....	20.32
11	W. W. Tracy, jr.....	do.....	19.70
	S. A. Knapp.....	do.....	194.53
	do.....	do.....	38.53
15	Michael Dervan.....	Salary.....	6.00
	Jno. L. Reeves.....	do.....	22.50
	Jesse James.....	do.....	6.00
	J. A. Ganges.....	do.....	37.09
	J. H. Copland.....	do.....	25.00
17	W. N. Hutt.....	Traveling expenses.....	17.30
	Geo. C. Husmann.....	Expenses.....	40.00
20	D. Frank Parker.....	Paper.....	30.60
	do.....	Ribbons.....	9.00
	do.....	Paper.....	5.10
	Mary E. Parker.....	do.....	3.15
	Potomac Electric Power Co.....	Current.....	9.07
	W. B. Moses & Sons.....	Bookcase.....	31.00
	Edw. F. Dibble.....	Seed, etc.....	304.64

270 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 20	Chushman Gladiolus Co.	Bulbs.	\$10.00
	R. P. Andrews & Co.	Clips.	9.59
	Henry A. Dreer (Incorporated).	Plants.	36.00
	do.	do.	1.95
	Delano & Moore.	Photo. supplies.	133.12
	G. W. Oliver.	Traveling expenses.	24.70
	J. H. Lane & Co.	Tenting cloth.	12.48
	Harding & Kaufman.	Mower.	291.45
	Wm. J. Zeh.	Coal.	39.70
	Washington Gaslight Co.	Gas.	1.10
	Woodward & Lothrop.	Taps.	4.00
	do.	Desk.	33.44
	Hess Warming and Ventilating Co.	Grain drier.	420.00
	Jno. A. Widdsoe.	Hauling, etc.	65.40
	do.	Manure.	37.50
	Utah Sugar Co.	Beet seed.	11.00
	A. E. McKinzee & Co.	Seeds.	71.40
	J. P. Nawrath.	Twine.	79.06
	Slate Seed Co.	Seeds.	4.50
	Remington Typewriter Co.	Typewriter.	90.00
	E. Morrison Paper Co.	Holders.	15.00
	do.	Files.	3.90
	Thos. Meehan & Sons.	Plants.	4.45
21	A. J. Pieters.	Traveling expenses.	39.42
	Geo. W. Oliver.	do.	241.51
	S. A. Knapp.	Expenses.	31.90
	do.	do.	100.45
	do.	do.	32.51
25	B. T. Galloway.	Traveling expenses.	28.80
27	J. W. T. Duval.	do.	113.93
	S. A. Knapp.	Expenses.	76.53
29	Chas. R. Edmonston.	Filter.	53.00
	Delano & Moore.	Photo. supplies.	7.50
	W. H. Rupp Co.	Note books.	3.00
	do.	do.	3.60
	do.	Envelopes.	4.50
	Francis Miller.	Oil.	30.30
	H. C. Davison & Co.	Copying books.	73.10
	Dayton Fruit Tree Label Co.	Labels.	80.70
	Arthur Cowie.	Bulbs.	8.82
	Geo. W. Millar & Co.	Wrapping paper.	310.00
	Library Bureau.	Cards, etc.	48.40
	H. P. Kelsey.	Ginseng seed.	5.00
	S. W. Flower & Co.	Seeds.	431.68
30	J. J. Mullaney.	Salary.	6.75
	Philip F. Zell.	do.	6.75
	J. A. Ganges.	do.	37.09
	Jessie James.	do.	19.50
	C. M. Smith.	do.	27.00
	Michl. Dervan.	do.	19.50
	J. H. Copland.	do.	25.00
	Sydney Swann.	do.	21.00
	A. J. Pieters et al.	Salaries.	3,733.45
	Total fourth quarter.		62,915.01
	Supplemental.		
1904. July 1	F. R. Holzman.	Salary.	248.90
2	Will Kermers.	do.	20.00
	W. R. Beattie.	do.	123.60
	W. W. Smith.	do.	123.60
	W. E. Willis.	do.	50.00
	W. S. Hull.	do.	50.00
	W. W. Tracy, sr.	do.	247.25
	F. L. Scribner.	do.	206.00
	P. H. Dorsett.	do.	185.45
	Edw. Goucher.	do.	74.20
	Fred. Stockwell.	do.	60.00
	J. S. Jones.	do.	50.00
	J. D. Beck.	do.	50.00
	B. G. Johnson.	do.	48.00
	A. M. Sawyer.	do.	39.60
	J. F. Reed.	do.	39.60
	A. B. Sloane.	do.	35.00
6	S. A. Knapp.	Expenses.	34.00
	C. E. Cleveland.	Salary.	2.25
	J. M. Veale.	do.	3.00
	C. C. McConica.	do.	2.25
	Chas. Cleveland.	do.	3.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 6	J. T. Phipps.....	Salary.....	\$3.00
9	S. A. Knapp.....	Expenses.....	28.95
14	R. H. Forbes.....	Labor.....	125.50
	Jno. A. Widtsoe.....	do.....	44.60
	do.....	do.....	13.50
15	B. G. Johnson.....	Services.....	62.10
18	A. J. Pieters.....	Expenses.....	10.00
	do.....	do.....	5.35
	do.....	do.....	37.25
	do.....	do.....	58.79
	S. A. Knapp.....	Traveling expenses.....	94.65
	J. F. Reed.....	do.....	29.05
	W. W. Tracy, sr.....	do.....	6.70
	do.....	do.....	47.55
	Church & Stephenson.....	Lumber.....	172.44
	Delano & Moore.....	Photo supplies.....	6.80
	W. B. Moses & Sons.....	File case, etc.....	31.50
	do.....	do.....	22.00
	Western Union Telegraph Co.....	Service.....	27.11
19	E. A. Burnet.....	Labor.....	57.75
	do.....	do.....	94.75
	W. J. Crawford.....	Drayage.....	1.20
	H. A. Dreer (Incorporated).....	Seeds.....	24.00
	Dr. F. Franceschi.....	do.....	7.00
	Wm. K. Harris.....	do.....	75.00
	Chas. S. Jenkins.....	Map rack.....	55.00
	Abner Proctor.....	Bean poles.....	13.55
	T. W. Wood & Sons.....	Corn seed.....	116.64
	do.....	Pease.....	1.05
	Jno. Scott.....	Seeds.....	25.00
	J. M. Thornburn & Co.....	do.....	1.50
20	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	77.00
	Brentano's.....	Memorandum books.....	13.00
	F. W. Bolgiano & Co.....	Fertilizer.....	33.60
	Littlefield, Alvord & Co.....	Transportation.....	56.61
	do.....	do.....	.95
	E. Morrison Paper Co.....	Pencils.....	3.00
	Remington Typewriter Co.....	Typewriter.....	92.25
	E. G. Schafer & Co.....	Plugs.....	.57
	E. S. Schmid.....	Stakes.....	34.70
	do.....	Bulbs.....	22.00
	W. S. Sheetz.....	Camera, etc.....	88.20
	do.....	Camera.....	10.00
	The Smith-Premier Typewriter Co.....	Knob for typewriter.....	.25
	Woodward & Lothrop.....	Desk, etc.....	35.75
	The Washington Times Co.....	Advertising.....	13.50
	Yawman & Erbe Manufacturing Co.....	Cards, etc.....	20.74
23	S. A. Knapp.....	Expenses.....	23.50
	do.....	do.....	27.50
	Laing & Mather.....	Seeds.....	42.12
	Pennsylvania R. R. Co.....	Passenger transportation.....	11.76
	do.....	do.....	188.95
	do.....	do.....	28.75
	do.....	Transportation.....	142.27
	do.....	do.....	2.24
	do.....	do.....	4.68
	do.....	do.....	3.16
	do.....	do.....	125.96
	do.....	do.....	213.17
	Washington Southern Rwy. Co.....	do.....	21.94
	Southern Rwy. Co.....	do.....	1.13
	do.....	do.....	.56
	do.....	Passenger transportation.....	23.90
25	Washington Southern Rwy. Co.....	Transportation.....	95.01
26	F. W. Boehme.....	Wheat, etc.....	262.75
	P. H. Dorsett.....	Traveling expenses.....	293.49
	J. E. W. Tracy.....	do.....	278.21
	Church & Stephenson.....	Lumber.....	30.00
	Delano & Moore.....	Films.....	5.40
30	Texarkana and Fort Smith Rwy. Co.....	Transportation.....	.59
	Trinity and Brazos Valley Rwy Co.....	do.....	.33
	The Oregon R. R. and Navigation Co.....	do.....	2.94
	Chesapeake and Ohio Rwy. Co.....	do.....	1.97
	do.....	do.....	1.01
	Chicago, Rock Island and Gulf Rwy. Co.....	do.....	5.78
	Texas-Mexico Rwy. Co.....	do.....	2.14
	do.....	do.....	2.47
	Texas Central R. R. Co.....	do.....	7.73
	Houston, East and West Texas Rwy. Co.....	do.....	2.64
	Great Northern Rwy. Co.....	do.....	15.05

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 30	Delaware and Hudson Co.	Transportation	\$1.00
	W. P. Clyde & Co.	do	14.40
	Texas, Saline Valley and Northwestern Rwy. Co.	do	4.83
	The Denver and Rio Grande R. R. Co.	do	1.34
	Fort Worth and Denver City Rwy. Co.	do	15.24
	do	do	10.01
	Port Worth and Rio Grande Rwy. Co.	do	16.52
	Velasco, Brazos and Northern Rwy. Co.	do	.25
	New York, Texas and Mexico Rwy. Co.	do	3.01
	New York and Porto Rico S. S. Co.	do	11.81
	do	do	.66
	San Antonio and Gulf R. R. Co.	do	1.24
	San Antonio and Aransas Pass Rwy. Co.	do	3.49
	do	do	31.04
	do	do	50.41
	Gulf, Colorado and Santa Fe Rwy. Co.	do	523.30
	do	do	53.33
	do	do	29.38
	Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation	4.20
	do	Transportation	32.38
	do	do	4.21
	Houston and Texas Central R. R. Co.	do	32.84
	do	do	1.75
	do	do	25.22
	St. Louis Southwestern Rwy. Co. of Texas.	do	6.43
	do	do	17.21
	Gulf, Western Texas and Pacific Rwy Co.	do	.82
	do	do	.53
	Missouri, Kansas and Texas Rwy. Co.	do	3.44
	Texas and Pacific Rwy. Co.	do	59.80
	do	Passenger transportation	53.05
	New York Central and Hudson River R. R. Co.	Transportation	1.09
	do	do	.60
	do	Passenger transportation	15.00
	do	do	15.00
	Texas and New Orleans R. R. Co.	do	37.30
	do	Transportation	24.53
	do	do	1.02
	do	do	548.40
	California Northwestern Rwy. Co.	Passenger transportation	4.50
	Chicago Northwestern R. R. Co.	do	34.80
	Michigan Central R. R. Co.	do	21.25
	Missouri, Louisiana and Texas R. R. and S. S. Co.	do	10.85
	New York, New Haven and Hartford R. R. Co.	do	5.00
	Oregon Short Line R. R. Co.	do	28.85
	Villar & Co.	do	40.00
Aug. 1	American Writing Machine Co.	Paper.	19.00
2	Chas. Shore	Repairing bicycle	4.00
3	The Geo. W. Knox Express Co.	Drayage	18.00
	do	do	45.93
	Littlefield, Alvord & Co.	do	6.67
	Louis Hartig	Wire	10.85
	Alex. Schmid	Pasteboard boxes	4.75
	Thos. Somerville & Sons	Plumbing material	9.19
	do	do	107.44
	Barber & Ross	Buckets	.59
	Capital Traction Co.	Car tickets	10.00
	The Chesapeake and Potomac Telegraph Co.	Service	6.25
	do	do	.70
	Brentano's	Fountain pen	5.00
	D. F. Parker	Typewriter paper	1.32
	Jno. C. Parker	Memorandum books	23.82
	Jno. A. Pierpoint	Tin card holder	5.00
	Mackall Bros.	Jars	1.57
	National Electric Supply Co.	Desk fan	10.50
	Potomac Electric Power Co.	Electric current	5.11
	W. B. Moses & Sons	Bookcase	20.00
	Smith-Premier Typewriter Co.	Typewriter, etc.	92.25
	W. S. Sheetz	Photo supplies	6.00
	do	do	2.25
	Pope Manufacturing Co.	Repairs to bicycle	3.03
	Thos. R. Riley	Lumber	118.20
	Washington Gaslight Co.	Gas	.70
	The Washington Post	Advertising	12.60
	L. L. Thompson	Roofing	137.60
5	J. A. Widtsoe	Labor	88.05

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Aug. 5	J. A. Widtsoe	Labor	\$67.10
16	S. A. Knapp	Expenses	72.02
	Jas. W. Wilson	Labor	75.00
17	S. A. Knapp	Expenses	41.31
	W. H. Bowen	Rental of land	30.00
	J. D. Bosch	do.	10.00
	H. U. Burns	Bulbs	14.00
	J. G. Davis	Cultivation of land	60.00
	T. A. Dickinson	Clover seed	1,012.50
	H. A. Dreer (Incorporated)	Seeds	77.50
	Bernard Distel	Services, etc.	10.00
	District of Columbia Paper Manufacturing Co.	Germinating blotting paper	45.00
	The Evening Star Newspaper Co.	Advertising	6.48
	Z. D. Gilman	Slides	.83
	Geo. F. Muth & Co.	Lead	32.93
	Remington Typewriter Co.	Repairing paper	6.00
	Rudolph, West & Co.	Wire, etc.	61.14
18	Gundlach, Bundschw Wine Co.	Land rent	10.00
	Wm. K. Harris	Plants	76.00
	W. D. Hammack	Land rent	60.00
	Mary Lawrence	do.	10.00
	Republic Bag and Paper Co.	Bags	15.99
	J. Steckler Seed Co.	Tobacco seed	2.20
	J. C. Moninger & Co.	Doors	9.54
	United States Envelope Co.	Envelopes	6.30
	W. L. Willett Drug Co.	Seeds	136.55
	Jas. Withycombe	do.	31.20
	E. E. Evans	Peas	39.00
	Library Bureau	Cards	11.28
	Bausch & Lomb Optical Co.	Forceps, etc.	24.87
	T. W. Wood & Son	Teosinte	126.20
23	J. Ross Collins	Rags	\$47.06
26	R. C. Keenan	Cultivating cotton	278.87
	do.	do.	80.00
	J. J. Lawton	do.	80.00
	C. H. Wente	Services, etc.	10.00
	W. E. Marvin	Cultivating alfalfa	25.00
	J. Jungermann	do.	25.00
	A. F. Jorss	Mail rack	15.00
	Western Union Telegraph Co.	Service	.27
	do.	do.	58.65
27	H. Meislahn	Seeds	229.00
29	E. H. Morrison	Fertilizer	40.00
	M. Samuel	Services, etc.	10.00
	Underwood Typewriter Co.	Repairs	6.00
	Chas. D. Woods	Cultivating vegetables	13.82
	Yawman & Erbe Manufacturing Co.	Sections	64.35
	do.	Sections, etc.	22.70
	do.	do.	22.55
Sept. 2	C. Wesley Coy.	Land rent	35.00
6	J. L. Coker	Cultivating cotton	291.48
7	N. B. Keeney & Son	Rent land	100.02
10	C. L. Allen	Raising vegetables	150.00
14	United States Express Co.	Transportation	4.33
	do.	do.	271.92
	do.	do.	97.37
	do.	do.	.35
17	Labor & School Supply Co.	Polariscopes, etc.	251.90
19	Wichita Valley Rwy. Co.	Transportation	4.55
	Atlantic Coast Line R. R. Co.	Passenger transportation	8.10
	Chicago and Northwestern Rwy. Co.	do.	10.45
	Texas Pacific Rwy. Co.	do.	19.86
	do.	do.	37.30
	The Pullman Co.	do.	17.50
	The Wabash R. R. Co.	do.	10.85
	do.	do.	17.00
	do.	do.	4.35
	Southern Rwy. Co.	do.	10.30
	Washington Southern Rwy. Co.	do.	2.34
	Seaboard Air Line Rwy. Co.	do.	4.10
	Texas Central R. R. Co.	do.	1.24
	Texas Midland R. R. Co.	do.	.68
	Houston East and West Texas Rwy. Co.	Transportation	6.09
	Northern Pacific Rwy. Co.	Passenger transportation	28.50
	The Oregon R. R. and Navigation Co.	do.	22.40
	Florida and East Coast Rwy. Co.	do.	40.25
	Houston and Western Texas R. R. Co.	do.	5.10
	St. Louis Southwestern Rwy. Co.	do.	8.63

274 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Sept. 19	Missouri, Kansas and Texas Rwy. Co.	Passenger transportation.....	\$38.59
	International and Great Northern R. R. Co.	.....do.....	154.06
20	Adams Express Co.	Transportation.....	40.60
	.....do.....	.....do.....	40.67
	.....do.....	.....do.....	51.05
	J. M. Lupton.....	Land rent.....	10.00
24	Atlantic Coast Line R. R. Co.	Passenger transportation.....	1.20
	Chas. R. Edmonston.....	Stand, etc.....	12.50
	Baltimore and Ohio R. R. Co.	Transportation.....	28.46
	.....do.....	.....do.....	54.31
	Pennsylvania R. R. Co. ....	.....do.....	18.33
	Union Pacific R. R. Co. ....	.....do.....	1.46
	New York Central and Hudson River R. R. Co.	.....do.....	.45
	Star Union Line.....	.....do.....	.57
	Wells, Fargo & Co. Express Co. ....	.....do.....	16.28
	Total.....		13,884.10

RECAPITULATION.

Total first quarter.....	\$44,324.58
Total second quarter.....	24,832.12
Total third quarter.....	103,895.70
Total fourth quarter.....	62,915.01
Total supplemental.....	13,884.10
Total.....	249,851.51

SETTLED BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 10	Washington Southern Rwy. Co.	Transportation.....	\$41.82
	.....do.....	.....do.....	20.24
	.....do.....	.....do.....	3.85
	Chesapeake and Ohio Rwy. Co. ....	.....do.....	66.72
17	Southern Pacific Co.	Passenger transportation.....	76.70
Apr. 14	The Geo. W. Knox Express Co.	Transportation.....	2.30
June 12	Blue Line Transfer Co. ....	.....do.....	1.22
Sept. 8	Southern Pacific Co. ....	.....do.....	5.63
	.....do.....	.....do.....	31.44
	Total.....		249.92

FOREIGN SEED AND PLANT INTRODUCTION.

Date.	Name.	Nature of payment.	Total.
1903.			
July 25	M. A. Handy.....	Copying card index.....	\$10.50
	G. L. Taber.....	Fruit trees.....	129.10
31	Grace Bell et al.	Salaries.....	111.10
Aug. 3	Edgar A. Metcalfe.....	Salary.....	22.58
12	D. S. Bliss.....	Traveling expenses.....	24.93
19	E. A. Bessey.....	Salary.....	126.40
	Seaman A. Knapp.....	.....do.....	168.50
	Fred. Stockwell.....	.....do.....	60.00
	P. H. Dorsett.....	Traveling expenses.....	33.30
	P. H. Rolfs.....	.....do.....	56.85
21	Edw. S. Schmid.....	20 pounds leaf mold.....	20.00
25	S. A. Knapp.....	Salary.....	50.50
	P. H. Rolfs.....	Expenses.....	35.00
	.....do.....	.....do.....	74.70
31	Grace Bell et al.	Salaries.....	111.10
Sept. 1	S. A. Knapp.....	Salary.....	168.50
3	Fred. Stockwell.....	.....do.....	60.00
5	G. W. Oliver.....	Traveling expenses.....	149.56
9	Yawman & Erbe Manufacturing Co.	File sections.....	65.50
11	M. G. Copeland Co.	Flag.....	3.41
17	E. A. Bessey.....	Salary.....	126.40
22	P. H. Dorsett.....	Traveling expenses.....	86.24
25	M. A. Carleton.....	.....do.....	235.09
30	Grace Bell et al.	Salaries.....	107.80
	Total first quarter.....		2,037.06

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 2	D. G. Fairchild	Salary	\$163.00
5	Fred. Stockwell	do.	60.00
	S. A. Knapp	do.	163.00
	E. A. Bessey	do.	122.20
12	Wilson & Flye	Seeds	14.27
14	D. S. Bliss	Traveling expenses	2.95
19	A. H. Leidigh	do.	3.45
	S. A. Knapp	Expenses	20.00
	do.	do.	27.82
	P. H. Rolfs	do.	58.10
	S. A. Knapp	Traveling expenses	139.82
23	Edw. S. Schmid	Labels	15.00
26	M. A. Carleton	Traveling expenses	70.44
28	F. R. Holzmann	Services	99.50
31	The Atchison, Topeka and Santa Fe Rwy. Co.	Transportation	6.15
	Washington Southern Rwy. Co.	Passenger transportation	22.65
	Pennsylvania R. R. Co.	do.	17.00
	The Chesapeake and Ohio Rwy. Co.	do.	97.20
	Southern California Rwy. Co.	do.	5.00
	Grace Bell et al.	Salaries	111.10
Nov. 3	S. A. Knapp	Salary	168.50
	Fred. Stockwell	do.	60.00
	D. G. Fairchild	do.	168.50
5	A. H. Leidigh	Traveling expenses	1.60
17	P. H. Dorsett	do.	89.48
20	Wm. Bull & Sons	Bulbs	60.62
23	S. A. Knapp	Expenses	55.00
	Haage & Schmidt	Seeds	50.04
24	A. H. Leidigh	Expenses	5.60
	do.	do.	10.95
	Vilmorin, Audrieux & Co.	Oats, etc.	116.47
30	Grace Bell et al.	Salaries	107.80
Dec. 1	Edw. S. Schmid	Labels	37.50
2	Yawman & Erbe Manufacturing Co.	Sections	36.00
	Frank Harrison	Pen	2.50
	John C. Parker	Eyelet punch	1.14
3	D. S. Bliss	Traveling expenses	4.33
	U. S. Mailing Case Co.	Cases	5.46
4	P. H. Dorsett	Traveling expenses	128.30
	L. A. Fitz	do.	13.85
	D. G. Fairchild	Salary	163.00
	Fred. Stockwell	do.	60.00
5	A. H. Leidigh	Traveling expenses	14.45
	do.	Expenses	2.45
8	Cleveland, Cincinnati, Chicago and St. Louis Rwy.	Passenger transportation	20.25
	Chicago and Northwestern Rwy. Co.	do.	7.94
	Pennsylvania R. R. Co.	do.	6.50
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.	9.50
10	D. G. Fairchild	Traveling expenses	6.40
	J. J. Dean	Seed	6.00
11	M. Du Perow	Reflector	1.50
14	Church & Stephenson	Lumber	22.95
	Anderson & Co.	Seeds	32.60
15	J. B. Evans	Traveling expenses	28.20
17	Henry L. Bolley	Salary	125.00
18	International and Great Northern R. R. Co.	Passenger transportation	8.45
	The Lake Shore and Michigan Southern Rwy. Co.	do.	19.00
	Delaware, Lackawanna and Western R. R. Co.	do.	8.00
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do.	6.40
19	Hattie L. Asseltine	Seed	5.00
31	Grace Bell et al.	Salaries	109.47
	Total second quarter		3,005.35
1904.			
Jan. 2	Wm. A. Taylor	Traveling expenses	111.46
5	S. A. Knapp	Expenses	44.85
	do.	do.	163.05
	E. G. Schollander	Traveling expenses	41.43
6	Fred. Stockwell	Salary	60.00
	H. L. Bolley	do.	25.00
15	D. G. Fairchild	do.	168.50
16	R. W. Heingartner	Pistachio nuts	31.00
	B. J. Agadjanian	Turpentine tree seeds	80.00
	S. A. Knapp	Expenses	74.75
	P. H. Dorsett	Traveling expenses	55.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 16	P. H. Dorsett.....	Traveling expenses.....	\$93.35
	F. R. Holzmann.....	Salary.....	99.50
20	Geo. S. Baker.....	Expenses.....	2.65
25	Pennsylvania R. R. Co.....	Passenger transportation.....	36.20
	Galveston, Harrisburg and San Antonio Rwy. Co.....	.....do.....	48.60
	Southern Pacific Co.....	.....do.....	6.70
	Vilmorin, Andrieux & Co.....	Seeds.....	7.05
	.....do.....	.....do.....	.31
29	Eimer & Amend.....	Bell glasses.....	41.25
30	D. G. Fairchild.....	Traveling expenses.....	73.14
	.....do.....	.....do.....	43.85
31	Grace Bell et al.....	Salaries.....	109.15
Feb. 2	Fred. Stockwell.....	Salary.....	60.00
	D. G. Fairchild.....	.....do.....	170.30
4	O. A. Thompson.....	.....do.....	34.10
	E. G. Schollander.....	Traveling expenses.....	9.25
	P. H. Dorsett.....	.....do.....	38.15
8	James E. Jones.....	Expenses.....	1.09
12	The J. F. W. Dorman Co. (Incorporated).....	Numbering machine.....	110.00
15	S. A. Knapp.....	Expenses.....	30.00
17	J. W. Watson.....	Repairs to building.....	46.69
	J. A. Riedesel.....	Wheat.....	106.25
	Edmond Hayden.....	Hauling.....	4.36
18	Southern California R. R. Co.....	Passenger transportation.....	14.55
	M. A. Carleton.....	Traveling expenses.....	117.50
23	Frank T. Budge.....	Dynamite.....	9.26
24	A. J. Pieters.....	Expenses.....	44.63
29	Grace Bell et al.....	Salaries.....	105.20
Mar. 1	D. G. Fairchild.....	Salary.....	159.40
2	F. R. Holzmann.....	Traveling expenses.....	18.75
5	O. A. Thompson.....	Salary.....	31.80
	Americus Fuller.....	Nuts.....	52.50
	Dammann & Co.....	Rye, etc.....	106.82
11	S. B. Hubbard Co.....	Pipe, etc.....	20.18
16	Actien Zuckerfabrik Kwasitz.....	Barley.....	53.10
17	Chicago, Rock Island and Gulf Rwy. Co.....	Passenger transportation.....	9.05
	The Atchison, Topeka and Santa Fe Rwy. Co.....	.....do.....	28.75
18	Pennsylvania R. R. Co.....	.....do.....	17.00
	The Pullman Co.....	.....do.....	14.00
	Union Pacific R. R. Co.....	.....do.....	4.60
21	Sutton & Sons.....	Beans.....	29.40
22	L. A. Fitz.....	Traveling expenses.....	13.65
28	S. A. Knapp.....	Expenses.....	33.30
29	Haage & Schmidt.....	Grains.....	56.86
	J. B. Evans.....	Traveling expenses.....	39.55
31	Grace Bell et al.....	Salaries.....	112.40
	Total third quarter.....		3,100.10
Apr. 4	O. A. Thompson.....	Salary.....	34.10
	A. H. Leidigh.....	Traveling expenses.....	11.50
	E. A. Bessey.....	Salary.....	70.05
	D. G. Fairchild.....	.....do.....	170.30
9	A. J. Pieters.....	Expenses.....	82.43
11	W. P. Snyder.....	Salary.....	21.29
14	P. H. Dorsett.....	Traveling expenses.....	20.15
18	Franck Joly.....	Seeds.....	51.16
	Socrates Xanthapaulo.....	.....do.....	97.75
19	Etienne Salamon et fils.....	Grapevines.....	198.18
20	Chicago, Milwaukee and St. Paul Rwy. Co.....	Passenger transportation.....	14.60
	New York Central and Hudson River R. R. Co.....	.....do.....	38.50
	Northern Pacific Rwy. Co.....	.....do.....	68.50
	Chicago and Alton Rwy. Co.....	.....do.....	7.50
	Terre Haute and Indianapolis R. R. Co.....	.....do.....	19.25
	S. A. Knapp.....	Expenses.....	30.00
22	Chicago, Rock Island and Pacific Rwy. Co.....	Passenger transportation.....	29.25
29	A. H. Leidigh.....	Expenses.....	5.05
30	Grace Bell et al.....	Salaries.....	108.80
May 2	J. B. Evans.....	Traveling expenses.....	24.15
3	D. G. Fairchild.....	Salary.....	164.80
4	E. A. Bessey.....	.....do.....	123.60
	W. P. Snyder.....	.....do.....	60.00
	J. S. Cole.....	.....do.....	60.00
	L. A. Fitz.....	.....do.....	50.00
	Allmana Svenska-Utsides Aktiebolaget.....	Seed barley.....	43.14
	O. A. Thompson.....	Salary.....	33.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 4	P. H. Rolfs.....	Salary.....	\$206.00
	C. L. Franklin.....	do.....	15.00
	W. N. Brewster.....	Trees.....	10.00
6	Suzuki & Iida.....	Seeds.....	5.50
	Pen Carbon Manifold Co.....	Carbon.....	2.50
13	The Hammond Typewriter Co.....	Typewriter.....	85.00
16	Edwd. Goucher.....	Traveling expenses.....	13.25
	A. H. Leidigh.....	Expenses.....	1.20
	do.....	Traveling expenses.....	5.95
18	Pennsylvania R. R. Co.....	Passenger transportation.....	69.97
	The Chesapeake and Ohio Rwy. Co.....	do.....	17.15
	The Texas Pacific Rwy. Co.....	do.....	37.30
25	Delano & Moore.....	Photo supplies.....	126.15
	Chicago Great Western Rwy. Co.....	Passenger transportation.....	28.05
28	M. A. Carleton.....	Traveling expenses.....	108.72
31	Grace Bell et al.....	Salaries.....	112.40
June 2	D. G. Fairchild.....	Salary.....	170.40
	R. L. Beagles.....	do.....	40.00
	P. H. Rolfs.....	do.....	213.00
	W. P. Snyder.....	do.....	60.00
	O. A. Thompson.....	do.....	34.00
	Chas. L. Franklin.....	do.....	30.00
	L. A. Fitz.....	do.....	50.00
	I. G. Marks.....	do.....	50.00
3	J. G. Murphy.....	Harness.....	30.00
	The Nichols Hardware Co.....	Wagon.....	120.00
	H. W. Steadman.....	Labor.....	27.00
	Latham & Co.....	Mango plants.....	68.30
6	Edwd. S. Schmid.....	Labels, etc.....	47.50
	Chas. P. Swett.....	Tags.....	12.50
8	S. A. Knapp.....	Expenses.....	43.65
	A. H. Leidigh.....	Traveling expenses.....	11.70
	J. T. Willard.....	Expenses.....	60.00
11	J. S. Cole.....	Salary.....	60.00
	J. B. Evans.....	Traveling expenses.....	24.75
14	J. Murphy & Sons.....	Labor.....	87.50
17	D. S. Bliss.....	Traveling expenses.....	22.13
	I. G. Marks.....	do.....	26.35
21	R. L. Beagles.....	do.....	7.65
	E. Morrison Paper Co.....	Tags.....	7.12
22	A. V. Stubenrauch.....	Expenses.....	44.86
30	Grace Bell et al.....	Salaries.....	108.80
	Total fourth quarter.....		3,933.40
	Supplemental.		
July 1	F. R. Holzman.....	Salary.....	101.60
2	C. L. Franklin.....	do.....	30.00
	P. H. Rolfs.....	do.....	206.00
	D. G. Fairchild.....	do.....	164.80
	J. S. Cole.....	do.....	60.00
	W. P. Snyder.....	do.....	60.00
	I. G. Marks.....	do.....	50.00
	L. A. Fitz.....	do.....	50.00
	R. L. Beagles.....	do.....	40.00
	O. A. Thompson.....	do.....	33.00
5	A. H. Leidigh.....	Traveling expenses.....	33.25
6	M. A. Carleton.....	do.....	28.15
	A. H. Leidigh.....	Expenses.....	.50
9	A. V. Stubenrauch.....	do.....	288.60
	Edwd. Hurdle.....	Gutter, etc.....	65.00
14	H. H. Boyle.....	Traveling expenses.....	11.80
	H. W. Stedman.....	Labor.....	27.00
15	S. A. Knapp.....	Expenses.....	2.00
18	A. J. Pieters.....	do.....	28.37
	A. H. Leidigh.....	do.....	16.63
	do.....	Traveling expenses.....	1.50
	E. Immer & Son.....	Seed.....	86.85
	Jas. S. Topham.....	Traveling case.....	35.00
19	Pen Carbon Manifold Co.....	Pen carbon paper.....	15.00
20	Baltimore and Ohio R. R. Co.....	Traveling expenses.....	37.30
	Thos. R. Riley.....	Lumber.....	48.10
	Rudolph, West & Co.....	Nails, etc.....	35.90
23	E. A. Bessey.....	Services.....	8.24
	do.....	Expenses.....	80.65
	E. W. Churchill.....	do.....	276.69
	Southern Rwy. Co.....	Passenger transportation.....	38.35
	Terre Haute and Indianapolis R. R. Co.....	do.....	6.24

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 23	J. Murphy.....	Bricks.....	\$77.00
26	S. A. Knapp.....	Expenses.....	1.50
	Church & Stephenson.....	Lumber.....	105.50
30	Chicago Great Western Rwy. Co.....	Passenger transportation.....	8.00
	The Missouri Pacific R. R. Co.....	do.....	50.00
	Union Pacific R. R. Co.....	do.....	4.60
	R. P. Skinner.....	Seeds.....	101.25
Aug. 3	Chas. R. Edmonston.....	Filter.....	53.00
	do.....	Stand.....	12.50
	Thos. Somerville & Sons.....	Plumbing material.....	61.88
	do.....	do.....	59.32
	National Electric Supply Co.....	Desk fans.....	105.00
	The Smith Premier Typewriter Co.....	Typewriter, etc.....	92.25
	E. G. Schafer & Co.....	Valves, etc.....	93.00
	do.....	do.....	100.00
	Rudolph, West & Co.....	Saw, etc.....	2.47
	Thos. R. Riley.....	Lumber.....	4.48
	Remington Typewriter Co.....	Typewriter and cover.....	92.25
	W. T. Walker Brick Co.....	Bricks.....	480.60
	The Washington Market Co.....	Bulbs.....	5.40
	E. G. Schafer & Co.....	Tees.....	31.82
	do.....	Pipes, etc.....	36.47
4	Church & Stephenson.....	Lumber.....	868.34
5	H. E. Juenemann.....	Traveling expenses.....	50.70
8	Fresno Vineyard Co.....	Expenses.....	68.25
18	A. B. Farquhar Co.....	Thrashing machines.....	110.00
	Manhattan Electric Supply Co.....	Ceiling fans.....	175.00
	J. A. McFeely.....	Tank.....	45.00
	do.....	Engine.....	135.00
	Louis Van Houtte Père.....	Plants.....	11.58
	Yawman & Erbe Manufacturing Co.....	Sections.....	14.00
22	P. H. Dorsett.....	Traveling expenses.....	79.82
25	A. V. Stubenrauch.....	Expenses.....	48.00
29	Thos. Somerville & Sons.....	Plumbing.....	18.18
	do.....	Pipe, etc.....	203.22
Sept. 7	D. G. Fairchild.....	Traveling expenses.....	92.39
14	Church & Stephenson.....	Lumber.....	24.00
	do.....	do.....	184.25
	do.....	do.....	29.60
	do.....	Transoms.....	24.00
	do.....	Lumber.....	85.00
	do.....	do.....	29.28
	do.....	do.....	56.00
19	Pennsylvania R. R. Co.....	Passenger transportation.....	9.84
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	13.59
	The Texas and Pacific Rwy. Co.....	do.....	16.00
	Baltimore and Ohio R. R. Co.....	do.....	19.50
	The Pullman Co.....	do.....	25.50
	Southern Rwy. Co.....	do.....	64.05
	Fort Worth and Denver City Rwy. Co.....	do.....	11.65
	The Delaware, Lackawanna and Western R. R. Co.....	do.....	5.83
20	Alexandria Bonded Warehouse Co.....	Palms, etc.....	239.75
	Total.....		6,302.13

RECAPITULATION.

Total first quarter.....	\$2,037.06
Total second quarter.....	3,005.35
Total third quarter.....	3,100.10
Total fourth quarter.....	3,933.40
Total supplemental.....	6,302.13
Total.....	18,378.04

ACCOUNTS PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 17	Southern Pacific Co.....	Passenger transportation.....	\$21.10
Sept. 8	The Chesapeake and Ohio Rwy. Co.....	do.....	77.00
	Total.....		98.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SPECIAL AGENTS.

Date.	Name.	Nature of payment.	Total.
1904.			
	J. E. W. Tracy.....	Vouchers, 1904.....	\$1,376.69
	P. H. Dorsett.....	do.....	1,869.87
	H. L. Bailey.....	do.....	1,320.76
	G. T. Moore.....	do.....	1,422.97
	E. A. Bessey.....	do.....	911.24
	Total.....		6,901.53

INVESTIGATING PRODUCTION OF DOMESTIC SUGAR.

1903.			
Aug. 10	Chas. F. Saylor.....	Salary.....	\$225.00
	do.....	Traveling expenses.....	71.27
	do.....	Expenses.....	11.90
17	The Press Clipping Bureau.....	Clippings.....	5.00
Sept. 3	C. F. Saylor.....	Salary.....	225.00
16	do.....	Traveling expenses.....	173.35
	Total first quarter.....		711.52
Oct. 10	Chas. F. Saylor.....	Salary.....	225.00
	do.....	Expenses.....	6.10
	do.....	do.....	4.50
7	do.....	Traveling expenses.....	132.80
	do.....	Salary.....	225.00
8	Union Pacific R. R. Co.....	Passenger transportation.....	21.25
	Chas. F. Saylor.....	Expenses.....	14.85
	do.....	do.....	24.00
	do.....	Traveling expenses.....	44.97
	do.....	Salary.....	225.00
Dec. 18	Denver and Rio Grande R. R. Co.....	Passenger transportation.....	18.00
	Total second quarter.....		941.47
1904.			
Jan. 14	C. F. Saylor.....	Salary.....	225.00
16	do.....	Expenses.....	52.50
Feb. 4	do.....	Salary.....	225.00
6	do.....	Expenses.....	67.00
	do.....	Traveling expenses.....	13.25
Mar. 1	do.....	Salary.....	225.00
8	do.....	Expenses.....	2.40
9	do.....	do.....	32.40
	do.....	Traveling expenses.....	81.15
31	do.....	Salary.....	225.00
	Total third quarter.....		1,148.70
Apr. 9	Bretannos.....	Pen.....	5.00
20	C. F. Saylor.....	Traveling expenses.....	92.50
	do.....	Expenses.....	36.47
	do.....	do.....	31.00
22	Chicago, Rock Island and Pacific Rwy. Co.....	Passenger transportation.....	37.95
May 9	Chas. F. Saylor.....	Salary.....	225.00
	do.....	Traveling expenses.....	28.65
	do.....	Expenses.....	14.00
11	do.....	Salary.....	225.00
June 17	do.....	Traveling expenses.....	63.35
20	do.....	Expenses.....	11.35
	Total fourth quarter.....		770.27
1904.	Supplemental.		
July 14	Chas. F. Saylor.....	Services.....	225.00
	do.....	Traveling expenses.....	78.77
20	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	17.50
23	Pennsylvania R. R. Co.....	do.....	17.00
30	The Wabash R. R. Co.....	do.....	9.85
Aug. 8	C. F. Saylor.....	Expenses.....	9.70
29	United States Express Co.....	Transportation.....	4.85
Sept. 19	Chicago, Rock Island and Pacific Rwy. Co.....	Passenger transportation.....	30.45
	The Minneapolis and St. Louis R. R. Co.....	do.....	8.00
	Chicago Great Western Rwy. Co.....	do.....	6.65
	The Missouri Pacific Rwy. Co.....	do.....	7.50
	Northern Pacific Rwy. Co.....	do.....	18.13
	Total.....		433.40

280 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

RECAPITULATION.

Total first quarter.....	\$711.52
Total second quarter.....	941.47
Total third quarter.....	1,148.70
Total fourth quarter.....	770.27
Total supplemental.....	443.40
Total.....	4,015.36

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 31	A. A. Girault.....	Salary.....	\$11.29
Feb. 9	Lamb & Tilden.....	Racks.....	1.30
23	Henry J. Green.....	Thermometers.....	4.00
	A. L. Quaintance.....	Traveling expenses.....	29.10
	Whitall, Tatum Co.....	Spatulas.....	.30
29	J. C. Crawford, jr.....	Services.....	51.72
	Charles T. Brues.....	.....do.....	34.48
	A. Arsène Girault.....	.....do.....	50.00
	F. C. Bishopp.....	.....do.....	51.72
	Austin J. Leister.....	.....do.....	23.08
Mar. 2	A. Arsène Girault.....	Traveling expenses.....	24.20
3	E. Morrison Paper Co.....	Scrap books, etc.....	1.80
4	R. R. Baker.....	Furniture, etc.....	34.90
5	J. W. Rodgers.....	.....do.....	30.75
	Whitall, Tatum Co.....	Jars, etc.....	9.93
10	W. D. Hunter.....	Traveling expenses.....	112.70
	Austin J. Leister.....	.....do.....	13.55
	A. W. Morrill.....	.....do.....	31.83
	W. D. Hunter.....	Expenses.....	94.92
	J. C. Crawford.....	Traveling expenses.....	61.45
11	L. L. Laycock.....	Hauling cotton seed.....	20.50
	.....do.....	Use of horse and buggy.....	24.00
	Amy D. Gartrell.....	Stenographic work.....	23.50
16	F. C. Bishopp.....	Traveling expenses.....	47.40
18	Pennsylvania R. R. Co.....	Passenger transportation.....	71.40
	Z. D. Gilman.....	Slides, etc.....	27.33
21	American Entomological Co.....	Apparatus for mounting, etc.....	35.15
	A. P. Borden.....	Cotton seed.....	643.75
	Bausch & Lomb Optical Co.....	Case, etc.....	16.25
	The Globe-Wernicke Co.....	Cabinets, etc.....	40.26
	Arthur H. Thomas Co.....	Circles.....	1.60
22	Delano & Moore.....	Photo supplies.....	218.12
23	Charles T. Brues.....	Traveling expenses.....	21.45
	A. L. Quaintance.....	Expenses.....	26.64
	.....do.....	Traveling expenses.....	101.70
28	New York, Texas and Mexican Rwy. Co.....	Passenger transportation.....	3.80
	.....do.....	.....do.....	18.55
	New Orleans and Northeastern R. R. Co.....	.....do.....	5.55
29	Mackall Bros.....	Jars.....	3.14
	Delano & Moore.....	Photo supplies.....	38.54
	Schneider Bros.....	Hygrometer, etc.....	33.75
31	Charles T. Brues.....	Salary.....	100.00
	F. C. Bishopp.....	.....do.....	100.00
	A. Arsène Girault.....	.....do.....	50.00
	Total third quarter.....		2,345.40
Apr. 4	J. C. Crawford, jr.....	Salary.....	100.00
	Austin J. Leister.....	.....do.....	102.20
	Charles M. Walker.....	.....do.....	100.00
7	A. Arsène Girault.....	Traveling expenses.....	41.75
9	Warren E. Hinds.....	.....do.....	36.74
	W. D. Hunter.....	.....do.....	166.25
	A. L. Quaintance.....	Expenses.....	74.29
	W. D. Hunter.....	.....do.....	156.55
	Charles M. Walker.....	Traveling expenses.....	49.02
11	Julien P. Friez.....	Thermographs, etc.....	100.85
12	Brosius Bros.....	Hire horse and buggy.....	25.00
	L. L. Laycock.....	.....do.....	30.00
	Queen & Co. (Incorporated).....	Table, etc.....	6.94
	Virginia-Carolina Chemical Co.....	Fertilizer.....	465.72
	B. D. Wilson.....	Cotton seed.....	25.00
14	Remington Typewriter Co.....	Camera.....	38.00
	Delano & Moore.....	Typewriter and cover.....	92.25
18	Delano & Moore.....	Camera.....	38.00
19	Cleveland Compress and Warehouse Co.....	Freight and storage.....	393.68
	J. C. Crawford, jr.....	Traveling expenses.....	90.15
	Springer Goes.....	Services.....	102.20
	Charles T. Brues.....	Traveling expenses.....	60.30
	A. W. Morrill.....	.....do.....	115.33

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 19	A. L. Quaintance.....	Expenses.....	\$64.80
	.....do.....	.....do.....	34.25
	A. J. Leister.....	Traveling expenses.....	9.00
	F. C. Bishopp.....	.....do.....	77.05
	Whitall, Tatum Co.....	Bellglass.....	3.00
20	Gulf, Colorado and Santa Fe Rwy. Co.....	Passenger transportation.....	6.00
	Galveston, Harrisburg and San Antonio Rwy. Co.....	.....do.....	10.10
	The Pullman Co.....	.....do.....	32.50
	The Yazoo and Mississippi Valley R. R. Co.....	.....do.....	3.40
	Southern Rwy. Co.....	.....do.....	39.30
	.....do.....	.....do.....	78.60
	.....do.....	.....do.....	117.90
	The Geo. W. Knox Express Co.....	Transportation.....	1.65
	Virginia-Carolina Chemical Co.....	Kainit, etc.....	143.04
	A. Arsène Girault.....	Traveling expenses.....	28.86
	Bausch & Lomb Optical Co.....	Laboratory supplies.....	75.75
21	Springer Goes.....	Traveling expenses.....	84.45
28	Gulf, Western Texas and Pacific Rwy. Co.....	Passenger transportation.....	8.90
	Houston and Texas Central R. R. Co.....	.....do.....	28.70
	Texas Midland R. R.....	.....do.....	21.30
	.....do.....	.....do.....	11.70
	San Antonio and Aransas Pass Rwy. Co.....	.....do.....	18.05
	.....do.....	.....do.....	3.85
	New York, Texas and Mexican Rwy. Co.....	.....do.....	26.50
30	Charles T. Brues.....	Salary.....	100.00
	A. Arsène Girault.....	.....do.....	50.00
May 2	Charles M. Walker.....	.....do.....	100.00
	James Hull.....	.....do.....	100.00
	J. C. Crawford, jr.....	.....do.....	100.00
	Austin J. Leister.....	.....do.....	98.90
4	American Entomological Co.....	Boxes.....	48.00
9	A. L. Quaintance.....	Expenses.....	80.32
	W. D. Hunter.....	.....do.....	108.25
11	A. L. Quaintance.....	.....do.....	54.73
	P. C. Bishopp.....	Salary.....	100.00
	E. S. G. Titus.....	Traveling expenses.....	25.95
	Chas. T. Brues.....	.....do.....	48.05
	J. C. Crawford, jr.....	.....do.....	117.95
12	L. L. Laycock.....	Use horse, etc.....	30.02
	A. W. Morrill.....	Traveling expenses.....	98.10
	C. M. Walker.....	.....do.....	42.80
	Warren E. Hinds.....	.....do.....	28.00
13	A. L. Quaintance.....	.....do.....	102.66
16	Bausch & Lomb Optical Co.....	Microscope, etc.....	62.10
	W. B. Moses & Sons.....	Cases.....	4.80
	Brosius Bros.....	Use horse, etc.....	25.00
	E. D. Sanderson.....	Services.....	2.00
	C. E. Sanborn.....	.....do.....	85.00
	Arthur E. Lewis.....	.....do.....	70.00
	.....do.....	Traveling expenses.....	2.05
	A. L. Quaintance.....	.....do.....	75.36
18	Galveston, Harrisburg and San Antonio Rwy. Co.....	Passenger transportation.....	31.20
	W. D. Hunter.....	Traveling expenses.....	140.40
23	Springer Goes.....	.....do.....	95.80
	.....do.....	Salary.....	100.00
	H. S. Barber.....	Traveling expenses.....	28.45
	A. Arsène Girault.....	.....do.....	45.00
	E. S. G. Titus.....	Traveling expenses.....	38.95
26	Southern Rwy. Co.....	Passenger transportation.....	111.10
	Gulf, Western Texas and Pacific Rwy. Co.....	.....do.....	12.15
	Washington Southern Rwy. Co.....	.....do.....	54.05
	New York, Texas and Mexican Rwy. Co.....	.....do.....	46.50
28	L. O. Howard.....	Traveling expenses.....	313.50
June 1	Chas. T. Brues.....	Salary.....	100.00
	F. C. Bishopp.....	.....do.....	100.00
	A. Arsène Girault.....	.....do.....	50.00
	J. C. Crawford, jr.....	.....do.....	100.00
	Chas. M. Walker.....	.....do.....	100.00
	A. J. Leister.....	.....do.....	102.20
11	A. L. Quaintance.....	Expenses.....	62.60
	L. L. Laycock.....	Use horse, etc.....	30.00
	B. F. Jordan.....	Labor.....	30.00
	Springer Goes.....	Salary.....	100.00
	.....do.....	Traveling expenses.....	101.25
	A. Arsène Girault.....	.....do.....	45.70
	J. C. Crawford, jr.....	.....do.....	133.90

282 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLLWEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 11	A. W. Morrill.....	Traveling expenses.....	\$113. 10
	Warren E. Hinds.....	do.....	28. 00
	A. L. Quaintance.....	do.....	106. 48
	W. D. Hunter.....	do.....	99. 80
	Chas. T. Brues.....	do.....	46. 35
	Chas. M. Walker.....	do.....	33. 00
	A. L. Quaintance.....	Expenses.....	11. 95
18	Arthur C. Lewis.....	Salary.....	70. 00
	Chas. E. Sanborn.....	do.....	85. 00
	do.....	Traveling expenses.....	14. 45
	F. C. Bishopp.....	do.....	116. 50
	E. D. Sanderson.....	do.....	21. 00
	F. C. Bishopp.....	do.....	89. 75
	Cleveland Compress and Warehouse Co.....	Freight and drayage.....	564. 08
	do.....	do.....	77. 83
20	J. Adone.....	Machine.....	25. 00
	Adams Express Co.....	Transportation.....	103. 93
	Jas. Bute.....	Paris green.....	49. 00
	Brosius Bros.....	Use of horse, etc.....	25. 00
	F. T. Coleman.....	Poison distributor.....	25. 00
	A. W. Buckner.....	Traveling expenses.....	65. 90
	J. B. Garrett.....	do.....	59. 05
	R. C. Howell.....	do.....	57. 90
	E. S. Hardy.....	do.....	63. 70
	J. Lingo.....	Racyle.....	50. 00
	Western Union Telegraph Co.....	Service.....	4. 52
	Arthur H. Thomas Co.....	Microscope.....	113. 00
21	W. D. Hunter.....	Expenses.....	112. 85
23	A. L. Quaintance.....	do.....	19. 50
	S. E. McClendon.....	Traveling expenses.....	71. 10
	Total fourth quarter.....		9,494. 45
July 6	W. D. Pierce.....	Salary.....	100. 00
	A. J. Leister.....	do.....	98. 90
	C. F. Brues.....	do.....	100. 00
	A. C. Morgan.....	do.....	100. 00
	W. W. Yothers.....	do.....	100. 00
	Wm. A. Hooker.....	do.....	100. 00
	F. C. Bishopp.....	do.....	100. 00
	A. Arsène Girault.....	do.....	50. 00
	J. C. Crawford, jr.....	do.....	100. 00
	Chas. M. Walker.....	do.....	100. 00
	Springer Goes.....	do.....	100. 00
9	E. S. G. Titus.....	Traveling expenses.....	17. 00
11	J. C. Crawford, jr.....	do.....	154. 90
14	Brosius Bros.....	Use horse, etc.....	25. 00
	L. L. Lycock.....	do.....	30. 00
	B. T. Jordan.....	Labor.....	30. 00
15	H. S. Barber.....	Traveling expenses.....	67. 55
	do.....	do.....	42. 96
	W. D. Hunter.....	do.....	98. 45
	A. C. Lewis.....	do.....	3. 50
	do.....	Expenses.....	7. 04
	R. C. Morgan.....	Traveling expenses.....	71. 50
	W. D. Pierce.....	do.....	135. 65
	W. W. Yothers.....	do.....	48. 90
	A. L. Quaintance.....	do.....	84. 25
	do.....	Expenses.....	39. 98
19	Bailey Mills Co.....	Ice box.....	61. 00
	Cleveland Compress and Warehouse Co.....	Seed.....	56. 40
	Dust Sprayer Manufacturing Co.....	Sprayer.....	22. 00
	W. H. Mackrell.....	Iron box, etc.....	11. 50
20	F. C. Bishopp.....	Traveling expenses.....	73. 90
	C. T. Brues.....	do.....	48. 00
	A. C. Lewis.....	Services.....	70. 00
	C. E. Sanborn.....	Traveling expenses.....	16. 20
	do.....	Services.....	85. 00
	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	69. 00
23	A. A. Girault.....	Traveling expenses.....	42. 75
	Springer Goes.....	do.....	98. 40
	W. A. Hcoker.....	do.....	108. 95
	W. D. Hunter.....	Expenses.....	118. 13
	A. W. Morrill.....	Traveling expenses.....	106. 95
	Chas. M. Walker.....	do.....	33. 00
	Pennsylvania R. R. Co.....	Passenger transportation.....	6. 50
	Southern Rwy. Co.....	do.....	23. 00
26	E. D. Sanderson.....	Traveling expenses.....	10. 15

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904. July 30	Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation.....	\$23.20
	do.	do.	24.00
	Houston and Texas Central R. R. Co.	do.	18.55
	do.	do.	12.45
	New York, Texas and Mexican Rwy. Co.	do.	29.20
	do.	Transportation.	8.08
	Missouri, Kansas and Texas Rwy. Co.	Passenger transportation.	12.40
	do.	do.	8.25
	International and Great Northern R. R. Co.	do.	2.95
	Texas and Pacific R. R. Co.	do.	4.90
	Texas and New Orleans R. R. Co.	do.	4.75
	Texas and Mexican Rwy. Co.	do.	4.80
	Gulf, Colorado and Santa Fe Rwy. Co.	do.	6.00
	Kansas City Southern Rwy. Co.	do.	6.25
	New Orleans and Northeastern R. R. Co.	do.	14.55
	Gulf, Western Texas and Pacific Rwy. Co.	do.	4.45
	Morgan's Louisiana and Texas R. R. and S. S. Co.	do.	4.50
Aug. 1	F. C. Bishopp	Services.	100.00
	A. A. Girault	do.	50.00
	C. R. Jones	do.	75.00
	C. T. Brues	do.	100.00
	A. L. Quaintance	do.	166.66
2	E. D. Sanderson	Traveling expenses	13.85
3	Delano & Moore	Prints.	2.63
6	W. D. Hunter	Services.	208.33
	G. H. Harris	do.	125.00
	J. C. Crawford, jr.	do.	100.00
	W. C. Hooker	do.	100.00
	A. J. Liestner	do.	100.00
	A. W. Morrill	do.	100.00
	A. C. Morgan	do.	100.00
	W. D. Pierce	do.	100.00
	C. M. Walker	do.	100.00
	W. W. Yothers	do.	100.00
8	F. C. Bishopp	Traveling expenses	116.55
	C. R. Jones	do.	96.30
	W. R. Pierce	do.	44.00
	A. L. Quaintance	do.	94.17
	C. M. Walker	do.	38.58
11	C. E. Sanborn	Services.	85.00
	A. C. Lewis	do.	70.00
	do.	Traveling expenses	1.50
	do.	Expenses	3.50
	W. D. Hunter	do.	147.84
	do.	Traveling expenses	107.95
	W. A. Hooker	do.	189.30
	A. C. Morgan	do.	68.35
	A. W. Morrill	do.	155.90
	E. D. Sanderson	do.	15.20
12	Colman Buchanan	Farm labor	30.00
16	J. C. Crawford	Traveling expenses	132.25
	Springer Goes	do.	111.40
	do.	Services.	100.00
	W. E. Hinds	do.	125.00
	do.	Traveling expenses	17.25
	do.	do.	17.06
	G. H. Harris	do.	76.40
	do.	Expenses	4.05
	W. W. Yothers	Traveling expenses	85.80
	Western Union Telegraph Co.	Service	4.66
17	C. A. Antoniolli	Cages for ants	12.45
	The Bailey Mills Co.	Shovels, etc.	114.55
	Broslus Bros.	Use horse, etc.	25.00
	Jas. Bute	Paris green	42.00
	B. T. Jordan	Labor.	39.75
18	C. T. Brues	Traveling expenses	42.13
	Garth, Howell & Webb	Screen.	7.15
	Jas. Hull	Labor.	28.30
	L. L. Laycock	Use horse, etc.	30.00
	Cleveland Compress and Warehouse Co.	Storage.	164.35
25	A. L. Quaintance	Expenses	27.34
	do.	do.	60.35
	A. A. Girault	Traveling expenses	44.05
27	Bausch & Lomb Optical Co.	Desicator, etc.	10.02
	Jas. A. Browne	Passenger transportation.	15.00
	Bausch & Lomb Optical Co.	Lens.	22.50
29	C. Weichsel	Seed plates	25.04

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Aug. 29	C. Weichsel.....	Camera.....	\$48.75
Sept. 6	A. L. Quaintance.....	Salary.....	166.67
	A. A. Girault.....	do.....	50.00
	W. D. Pierce.....	do.....	100.00
	A. J. Leister.....	do.....	100.00
	A. C. Morgan.....	do.....	100.00
	W. D. Hunter.....	do.....	208.33
	A. W. Morrill.....	do.....	100.00
	W. A. Hooker.....	do.....	100.00
	W. W. Yothers.....	do.....	100.00
	Springer Goes.....	do.....	100.00
	J. C. Crawford, jr.....	do.....	100.00
	W. E. Hinds.....	do.....	125.00
	C. M. Walker.....	do.....	100.00
	Chas. T. Brues.....	do.....	100.00
	Chas. R. Jones.....	do.....	75.00
	F. C. Bishopp.....	do.....	100.00
	Jos. D. Hanby.....	Rent.....	168.00
10	G. H. Harris.....	Salary.....	125.00
	A. C. Lewis.....	do.....	70.00
	Chas. C. Sanborn.....	do.....	85.00
	A. F. Conradi.....	do.....	5.00
	Brosius Bros.....	Hire horse and buggy.....	25.00
14	United States Express Co.....	Transportation.....	4.25
15	Chas. T. Brues.....	Traveling expenses.....	47.10
	Warren E. Hinds.....	do.....	28.00
	A. L. Quaintance.....	do.....	98.58
	do.....	Expenses.....	78.39
16	A. A. Girault.....	Traveling expenses.....	45.25
17	W. A. Hooker.....	do.....	178.80
19	Missouri, Kansas and Texas Rwy. Co.....	Passenger transportation.....	4.60
	do.....	do.....	25.00
	International and Great Northern R. R. Co.....	do.....	32.20
	New York, Texas and Mexican Rwy. Co.....	do.....	70.40
	do.....	do.....	38.35
	do.....	do.....	31.45
	Houston, East and West Texas Rwy. Co.....	do.....	3.35
	Houston and Texas Central R. R. Co.....	do.....	9.10
	do.....	do.....	28.55
	do.....	do.....	27.00
	do.....	do.....	16.40
	do.....	do.....	11.65
	do.....	do.....	5.60
	Gulf, Colorado and Santa Fe Rwy. Co.....	do.....	6.00
	Galveston, Harrisburg and San Antonio Rwy. Co.....	do.....	7.60
	do.....	do.....	9.00
	St. Louis Southwestern Rwy. Co. of Texas.....	do.....	11.40
	San Antonio and Aransas Pass Rwy. Co.....	do.....	12.85
	do.....	do.....	12.75
	do.....	do.....	4.45
	The Kansas City Southern Rwy. Co.....	do.....	6.25
	do.....	do.....	6.85
	New Orleans and Northeastern R. R. Co.....	do.....	5.55
	do.....	do.....	20.10
	The Colorado and Southern Rwy. Co.....	do.....	25.95
	Texas Midland R. R. Co.....	do.....	4.30
	do.....	do.....	4.25
	Missouri, Kansas and Texas Rwy. Co.....	do.....	17.85
	Gulf, Western Texas and Pacific Rwy. Co.....	do.....	4.45
	The Yazoo and Mississippi Valley R. R. Co.....	do.....	11.00
	The Texas Pacific Rwy. Co.....	do.....	9.40
	do.....	do.....	8.05
	do.....	do.....	5.55
	The Pullman Co.....	do.....	2.00
	do.....	do.....	2.00
	do.....	do.....	19.50
	do.....	do.....	15.75
	Southern Rwy. Co.....	do.....	117.90
20	Springer Goes.....	Traveling expenses.....	107.55
	Chas. R. Jones.....	do.....	138.55
	C. M. Walker.....	do.....	40.75
	W. W. Yothers.....	do.....	91.70
	J. C. Crawford, jr.....	do.....	151.10
	W. D. Pierce.....	do.....	132.35
	A. C. Morgan.....	do.....	100.75
	G. H. Harris.....	do.....	116.80
	F. C. Bishopp.....	do.....	116.00
	E. D. Sanderson.....	do.....	3.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Sept. 20	W. D. Hunter.....	Expenses.....	\$47. 14
	.....do.....	Traveling expenses.....	116. 50
24	B. T. Jordan.....	Labor.....	37. 50
	L. L. Laycock.....	Use horse, etc.....	30. 00
	Howell Bros.....	Feed.....	6. 71
	J. F. Hart.....	Bookcase.....	10. 00
	Total.....		12, 084. 43

RECAPITULATION.

Total third quarter 1904.....	\$2, 345. 40
Total fourth quarter 1904.....	9, 494. 45
Total first quarter 1905.....	12, 084. 43
Total.....	23, 924. 28

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY.

Date.	Name.	Nature of payment.	Total.
1904. Feb. 2	S. A. Knapp.....	Salary.....	\$131. 87
13	W. A. Orton.....	Traveling expenses.....	23. 29
24	James S. Topham.....	Case.....	24. 00
	American Writing Machine Co.....	Typewriter paper.....	38. 00
29	L. H. Davenport et al.....	Salaries.....	79. 49
Mar. 2	S. A. Knapp.....	Traveling expenses.....	87. 98
	A. W. Edson.....	Salary.....	95. 60
	.....do.....	Traveling expenses.....	39. 75
5	U. S. Envelope Co.....	Envelopes.....	221. 00
11	Geo. W. Curtis.....	Traveling expenses.....	46. 05
12	B. H. Mitchell.....	Salary.....	41. 38
	J. L. Quicksall.....	do.....	31. 03
	G. W. Curtis.....	do.....	225. 33
	W. M. Bamberge.....	do.....	69. 68
	S. H. Watson.....	do.....	52. 42
	Wm. F. Proctor.....	do.....	37. 24
	J. E. Wemple.....	do.....	33. 10
	H. W. Joyce.....	do.....	16. 55
	J. E. Adger.....	do.....	24. 83
	Mariana Crosby.....	do.....	49. 66
	J. A. Palmer.....	do.....	26. 90
	R. R. Claridge.....	do.....	12. 41
	J. W. Stiles.....	do.....	57. 93
	G. A. Garney.....	do.....	67. 59
	Lea Beaty.....	do.....	39. 31
	F. A. Hikey.....	do.....	24. 83
	P. H. Arrington.....	do.....	22. 76
	W. N. George.....	do.....	22. 76
	A. G. Allen.....	do.....	18. 62
	Benjamin Andrews.....	do.....	43. 45
	W. G. Edwards.....	do.....	43. 45
	E. C. Whitley.....	do.....	60. 00
	G. A. Hall.....	do.....	80. 00
	J. A. Evans.....	do.....	37. 24
	W. J. Stanfield.....	do.....	43. 45
	J. C. Beck.....	do.....	49. 31
	Seaman A. Knapp.....	do.....	239. 00
	Irene Kinnebrew.....	do.....	71. 61
16	A. B. Kinnebrew.....	do.....	80. 00
	J. W. Carson.....	do.....	57. 93
	W. D. Bentley.....	do.....	22. 76
	J. T. Harrison.....	do.....	31. 03
	H. M. McCuiston.....	do.....	28. 97
	G. T. Williams.....	do.....	12. 41
	J. F. Bradley.....	do.....	12. 41
	R. D. Watson.....	do.....	22. 76
	B. P. Huitze.....	do.....	14. 48
	E. H. Harman.....	do.....	51. 72
	W. E. Keeble.....	do.....	24. 83
	Irene White.....	Traveling expenses.....	14. 80
	Geo. A. Hall.....	do.....	20. 95
18	G. A. Garvey.....	do.....	8. 30
	J. T. Harrison.....	do.....	21. 00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	Yawman & Erbe Manufacturing Co.	Guides	\$9.60
21	The Albert Dickinson Co.	Seed	990.00
	H. N. Hoffer	Services	28.97
22	W. F. Procter	Traveling expenses	16.25
	W. H. Joyner	Cotton seed	550.00
	do.	do.	686.00
	Church & Stephenson	Lumber	26.25
	W. G. Edwards	Traveling expenses	27.20
	James A. Evans	do.	18.35
24	I. L. and C. J. Wolf	Rent	34.01
25	T. O. Plunkett	Salary	31.03
	O. L. Wilson	do.	26.90
	G. F. Miles	Traveling expenses	92.65
26	W. E. Keeble	do.	21.05
28	E. H. Harman	do.	14.75
	A. B. Kinnebrew	do.	14.75
29	The Cargill Co.	Letter book, etc.	38.95
	do.	Ink stands, etc.	4.35
31	L. H. Davenport et al.	Salaries	252.73
	Total third quarter		5,637.01
Apr. 4	A. W. Edson	Salary	102.20
	Irene Kinnebrew	do.	60.00
	Oswald Wilson	Traveling expenses	10.30
	George F. Miles	Salary	81.80
	Geo. W. Curtis	do.	109.89
	do.	do.	82.42
	Seaman A. Knapp	do.	255.50
	B. H. Mitchell	do.	100.00
	Joe E. Wemple	do.	80.00
	Geo. A. Hall	do.	80.00
	A. B. Kinnebrew	do.	80.00
	Stanley H. Watson	do.	80.00
	Gus. A. Garney	do.	70.00
	John C. Beck	do.	65.00
	Jos. W. Carson	do.	60.00
	P. H. Arrington	do.	60.00
	Willis G. Edwards	do.	60.00
	William M. Bamberge	do.	60.00
	John W. Stiles	do.	60.00
	Tom L. Peeler	do.	60.00
	R. R. Claridge	do.	60.00
	J. F. Bradley	do.	60.00
	Jos. E. Adger	do.	60.00
	Jesse A. Palmer	do.	60.00
	W. N. George	do.	60.00
	Lea Beaty	do.	60.00
	Tom O. Plunkett	do.	60.00
	Wm. F. Procter	do.	60.00
	James A. Evans	do.	60.00
	Eva C. Whitley	do.	60.00
	Mariana Crosby	do.	60.00
	H. W. Joyce	do.	60.00
	W. E. Keeble	do.	60.00
	George T. Williams	do.	60.00
	Edwin H. Harman	do.	60.00
	Benjamin Andrews	do.	60.00
	W. J. Stanfield	do.	60.00
	Lee J. Berryman	do.	52.26
	O. L. Wilson	do.	40.65
	A. G. Allen	do.	1.29
	do.	do.	28.06
	R. D. Watson	do.	60.00
	Louise Decker	do.	28.39
	B. P. Hintze	do.	60.00
	J. L. Quicksall	do.	60.00
	H. M. McCuiston	do.	60.00
	H. N. Hoffer	do.	60.00
	J. T. Harrison	do.	60.00
	W. D. Bentley	do.	60.00
	F. A. Hikey	do.	60.00
6	R. D. Watson	Traveling expenses	30.45
	James L. Quicksall	do.	16.83
	W. J. Spillman	do.	118.16
	Lea Beaty	do.	27.50
	R. L. Bennett	do.	111.10
	A. W. Edson	do.	34.65
7	Geo. F. Miles	do.	150.43

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 7	D. F. Houston	Traveling expenses	\$113.90
	Geo. W. Curtis	do.	48.50
9	I. L. & C. J. Wolf	Rent	27.75
	Yawman & Erbe Manufacturing Co	Sections	45.00
11	The Cargill Co.	Cases, etc.	105.85
	do.	Office supplies	99.73
	do.	do.	72.85
	J. E. Culpepper	Cotton seed	15.60
12	T. W. Wood & Sons	Peanuts, etc.	58.50
	do.	do.	23.25
	J. M. Thorburn & Co	Beans	1.14
14	Delano & Moore	Photo supplies	19.26
18	American Writing Machine Co.	Typewriter paper	19.00
	Yawman & Erbe Manufacturing Co.	Card section, etc.	29.00
	M. A. Crosby	Traveling expenses	61.95
19	The Southwestern Seed Co.	Peas and bags	47.16
	Texas Seed and Floral Co.	Seeds	29.55
	do.	Potatoes, etc.	96.27
	do.	Seeds	1.15
	John D. Sullivan	do.	1.50
	A. W. Short	do.	1.00
	M. G. Smith	do.	2.00
	J. T. Seogin	do.	2.00
	L. A. Stoney	do.	3.00
	C. E. Smith	do.	1.50
	Southwest Publishing Co.	Circulars, etc.	87.60
	do.	do.	14.25
	do.	do.	11.25
	H. R. Pinkerton	Seeds	.60
	G. F. Park	do.	3.00
	J. W. Potomey	do.	1.00
	B. D. Moss	do.	1.50
	H. B. Mitchell	do.	2.50
	Longview Cotton Oil Co.	Fertilizer	26.60
	J. A. Shine	Seeds	160.00
	do.	do.	1.50
	Armour Co.	Fertilizer	29.15
	A. W. Allen	Seed	1.00
	W. H. Banks & Son.	do.	1.50
	Edward Bancroft	do.	2.00
	J. L. Berry	do.	2.00
	F. Barteldes & Co.	do.	3.20
	F. B. Cummings	do.	1.50
	J. J. Dearing	do.	2.00
	J. G. Barbee	Salary	160.00
	W. N. George	Traveling expenses	11.75
	W. B. F. Lewis	Seed	1.10
	R. D. Layton	do.	1.50
	Golson Bros.	do.	1.00
	Georgia Experiment Station	do.	1.00
	Mark W. Johnson Seed Co.	do.	4.50
	J. T. Hannah	do.	5.00
	B. W. Hawkins	do.	1.25
	H. C. Haralson	do.	3.00
	J. N. Hutchinson	do.	2.00
	B. B. Hardin	do.	3.00
	A. W. Edson	Expenses	72.75
	J. B. Warren	Seeds	1.50
	S. V. Woodfin	do.	1.00
	Walter Bros.	do.	2.25
	T. W. Wood & Sons	do.	2.70
	do.	do.	8.77
20	S. A. Knapp	Expenses	18.47
	do.	Traveling expenses	58.60
	do.	do.	61.15
	do.	Expenses	5.22
	do.	do.	5.91
	do.	Traveling expenses	20.75
	do.	Expenses	17.16
	do.	do.	17.31
	H. M. McCuiston	Traveling expenses	10.45
	C. L. Shear	do.	139.00
	John C. Beck	do.	15.40
	J. E. Adger	do.	54.05
	C. W. Warburton	do.	49.20
	J. E. Wemple	do.	35.25
	W. D. Bentley	do.	34.10
	R. D. Watson	do.	19.40
	Geo. T. Williams	do.	25.35

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 20	W. F. Proctor.....	Traveling expenses.....	\$31.10
	J. A. Palmer.....	do.....	30.95
	W. E. Keeble.....	do.....	26.70
	E. H. Harmon.....	do.....	20.00
	Washington Southern Rwy. Co.....	Passenger transportation.....	20.10
21	Oswald Wilson.....	Traveling expenses.....	25.30
	John W. Stiles.....	do.....	14.75
	Jas. A. Evans.....	do.....	32.10
	W. M. Bamberge.....	do.....	55.75
	H. N. Hoffer.....	do.....	16.00
	Geo. W. Curtis.....	do.....	48.84
27	W. A. Orton.....	do.....	31.24
	H. N. Hoffer.....	do.....	24.85
	S. A. Knapp.....	Expenses.....	63.17
	J. F. Duggar.....	Traveling expenses.....	20.96
	A. B. Kinnebrew.....	do.....	21.05
	J. F. Bradley.....	do.....	21.05
	J. G. Barbee.....	do.....	31.00
	B. P. Hintze.....	do.....	74.45
	A. W. Edson.....	do.....	21.50
	do.....	Expenses.....	33.11
28	J. F. Bradley.....	Salary.....	46.00
	L. C. Hill.....	do.....	72.41
	B. H. Mitchell.....	do.....	56.67
	B. P. Hintz.....	do.....	44.00
	G. A. Garvey.....	Traveling expenses.....	15.20
	A. W. Edson.....	do.....	64.35
29	C. S. Heller.....	do.....	7.80
	S. A. Knapp.....	Expenses.....	119.51
30	L. H. Davenport et al.....	Salaries.....	331.97
May 2	W. N. George.....	Salary.....	60.00
	do.....	Traveling expenses.....	11.85
	W. G. Edwards.....	do.....	33.60
	Willis G. Edwards.....	Salary.....	60.00
	John T. Harrison.....	Traveling expenses.....	53.13
	do.....	Salary.....	60.00
	S. A. Knapp.....	Expenses.....	8.74
	do.....	Salary.....	247.25
	Mariana Crosby.....	do.....	60.00
	James L. Quicksall.....	do.....	60.00
	W. E. Keeble.....	do.....	60.00
	Stanley H. Watson.....	do.....	80.00
	Irene Kinnebrew.....	do.....	60.00
	Jesse A. Palmer.....	do.....	60.00
	R. R. Claridge.....	do.....	60.00
	Eva C. Whitney.....	do.....	60.00
	H. W. Joyce.....	do.....	60.00
	John W. Stiles.....	do.....	60.00
	Lewis C. Hill.....	do.....	60.00
	P. H. Arrington.....	do.....	60.00
	Geo. T. Williams.....	do.....	60.00
	F. A. Hikey.....	do.....	60.00
	Tom O. Plumkett.....	do.....	60.00
	Lee J. Berryman.....	do.....	60.00
	Tom Lamar Peeler.....	do.....	60.00
	Geo. W. Curtis.....	do.....	206.00
	Edwin H. Harmon.....	do.....	60.00
	Jos. W. Carson.....	do.....	60.00
	J. E. Adger.....	do.....	60.00
	R. D. Watson.....	do.....	60.00
	W. D. Bentley.....	do.....	60.00
	John C. Beck.....	do.....	65.00
	William M. Bamberge.....	do.....	37.50
	do.....	do.....	30.00
	Henry N. Hoffer.....	do.....	30.00
	do.....	do.....	37.50
	James A. Evans.....	do.....	40.00
	do.....	do.....	30.00
	Lea Beaty.....	do.....	37.50
	do.....	do.....	30.00
	Wm. F. Proctor.....	do.....	30.00
	do.....	do.....	40.00
	G. F. Miles.....	do.....	79.10
	Joe E. Wemple.....	do.....	80.00
	A. B. Kinnebrew.....	do.....	80.00
	J. G. Barbee.....	do.....	80.00
	George A. Hall.....	do.....	80.00
	A. W. Edson.....	do.....	98.90
	Albert Goodwyn Allen.....	do.....	30.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904. May 2	J. E. Wemple	Traveling expenses	\$31.30
	Louise Decker	Salary	40.00
3	Virginia-Carolina Chemical Co.	Phosphates	600.00
	Armour & Co	Fertilizer	238.00
	Union Oil Co	Cotton-seed meal and drayage ..	345.20
	B. H. Mitchell	Traveling expenses	36.85
	James L. Quicksall	do	37.20
	Lea Beaty	do	48.03
	S. H. Watson	do	64.95
	G. A. Hall	do	47.05
4	R. L. Bennett	Salary	164.80
	James F. Jones	Seeds	50.00
	Hutcherson-Elliott Drug Co.	Formaldehyde, etc	24.82
	do	Chemicals	36.00
	W. R. Boozer	Cotton seed	2.00
	Emmett W. Bond	do	1.75
	R. W. Drake	do	2.00
	Crescent City Stock Yard and Slaughter House Co. (Limited)	Ground bone	37.90
	F. M. Berryhill	Cotton seed	1.00
	Lee W. Dance	do	2.00
6	I. L. & C. J. Wolf	Rent	27.50
	E. R. Walter	Cotton seed	1.00
	Virginia-Carolina Chemical Co.	Bone	22.80
	P. W. Todd	Cotton seed	1.00
	P. P. Toale	do	3.00
	The Terrill Cotton Oil Co	Cotton-seed meal	140.00
	J. N. Stalling	Fertilizer	133.00
	Red River Cotton Co	Guano	13.75
	Remington Typewriter Co	Typewriter	90.00
	A. W. Reynolds	Artichokes	3.75
	Merchants and Planters' Oil Co ..	Cotton-seed meal	13.50
	B. F. Malabor	Cotton seed	1.00
	S. E. Kelley	do	1.25
	Houston Lighting and Power Co ..	Electric lights	2.00
	The Cargill Co	Office supplies	19.80
7	Edward Read Lloyd	Services	4.33
	S. M. Tracy	do	164.80
	M. A. Crosby	do	60.00
11	T. O. Plunkett	Traveling expenses	43.35
	Benjamin Andrews	do	81.15
	R. D. Watson	do	20.35
	Irene Kinnebrew	do	7.05
12	Benj. Andrews	Salary	60.00
	W. J. Stanfield	do	16.00
	John S. Jones	Traveling expenses	46.88
	B. P. Hintz	do	40.20
	H. W. Joyce	do	47.05
	H. E. Singleton	do	28.50
16	Houston Lighting and Power Co ..	Electric current	1.00
	M. A. Crosby	Traveling expenses	74.95
	W. M. Bamberge	do	77.20
	H. W. Joyce	do	34.25
	C. W. Warburton	do	78.80
	G. T. Williams	do	5.80
18	Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation	3.60
	Seaboard Air Line Rwy.	do	8.30
	Southern Rwy. Co.	do	14.55
	do	do	37.30
	Atlantic Coast Line R. R. Co.	do	14.50
	S. A. Knapp	Traveling expenses	61.80
	Lea Beaty	do	45.35
	L. J. Berryman	do	37.55
	Tom O. Plunkett	do	16.85
	H. M. McCuision	do	9.00
	A. B. Kinnebrew	do	19.35
	E. H. Harman	do	29.05
	Jas. L. Quicksall	do	34.35
19	S. A. Knapp	Expenses	46.20
23	J. G. Barbee	Traveling expenses	6.75
24	Jas. A. Evans	do	16.85
	W. N. George	do	18.15
	Wm. F. Procter	do	18.75
	F. A. Hilley	do	18.85
25	Delano & Moore	Photo supplies	98.15
	A. W. Edson	Traveling expenses	54.70
	H. N. Hoffer	do	32.35

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 26	C. H. Billingsley	Labor	\$10.00
	T. J. Baxter	do.	15.00
27	W. E. Keeble	Traveling expenses	23.30
31	L. H. Davenport et al	Salaries	446.80
June 2	Louise Decker	Salary	40.00
	Albert G. Allen	do.	13.55
	S. A. Knapp	do.	255.50
	Wm. M. Bamberge	do.	75.00
	Lea Beaty	do.	75.00
	R. D. Watson	do.	75.00
	Henry N. Hoffer	do.	75.00
	G. A. Hall	do.	80.00
	Wm. F. Procter	do.	80.00
	Joe E. Wemple	do.	80.00
	Stanley H. Watson	do.	80.00
	A. B. Kinnebrew	do.	80.00
	Jas. A. Evans	do.	80.00
	George W. Curtis	do.	213.00
	J. C. Beck	do.	65.00
	Eva C. Whitley	do.	60.00
	Jos. W. Carson	do.	60.00
	Benjamin Andrews	do.	60.00
	Tom L. Peeler	do.	60.00
	Edwin H. Harman	do.	60.00
	Jesse A. Palmer	do.	60.00
	W. E. Keeble	do.	60.00
	Mariana Crosby	do.	60.00
	Irene Kinnebrew	do.	60.00
	Lewis C. Hill	do.	60.00
	F. A. Hilley	do.	60.00
	W. D. Bentley	do.	60.00
	R. R. Claridge	do.	60.00
	James L. Quicksall	do.	60.00
	L. J. Berryman	do.	60.00
	Geo. T. Williams	do.	60.00
3	H. H. Hubbard	Seeds	1.50
	W. S. Duncan	do.	2.50
	Southwest Publishing Co.	Circulars, etc.	36.50
	D. Frank Parker	Ribbons	4.50
	N. L. Willett Drug Co.	Seeds	2.50
	Virginia-Carolina Chemical Co.	Fertilizer	355.30
4	I. L. & C. J. Wolf	Rent	27.75
	Delano & Moore	Photo supplies	166.43
6	Merchants and Planters' Oil Co.	Sacks, etc.	130.67
8	C. W. Warburton	Salary	76.60
	Edward Read Lloyd	do.	10.00
	M. A. Crosby	do.	71.60
	Tom Frazier	Traveling expenses	62.25
	G. F. Miles	do.	123.30
	do.	Salary	81.80
	J. E. Adger	Traveling expenses	35.64
	B. H. Mitchell	do.	3.50
	W. D. Bentley	do.	23.40
	J. C. Beck	do.	8.65
	L. J. Berryman	do.	21.50
	Wm. M. Bamberge	do.	20.80
	J. F. Bradley	do.	15.40
	A. W. Edson	Expenses	15.95
	do.	Salary	102.20
11	J. F. Duggar	do.	55.00
	S. A. Knapp	Expenses	2.15
	R. T. Bennett	Salary	170.40
	W. J. Duffel	do.	24.00
15	Geo. W. Curtis	Traveling expenses	30.45
	do.	do.	65.75
	do.	do.	30.55
16	A. B. Kinnebrew	do.	19.55
	J. A. Evans	do.	27.25
	Geo. T. Williams	do.	21.40
	F. A. Hilley	do.	34.05
	Edwin H. Harman	do.	29.50
17	S. M. Tracy	Salary	170.40
20	The Cargill Co.	Office supplies	12.30
	Caroleigh Phosphate and Fertilizer Works	Fertilizer	128.00
	T. B. Aughtry & Co.	do.	143.75
	C. H. Billingsley	Planting cotton	10.00
	do.	Stakes, etc.	4.70
	do.	Labor	16.00
	Lorick & Lawrence	Fertilizer	120.45

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 20	Mark W. Johnson Seed Co.....	Seeds.....	\$40.50
	Houston Lighting and Power Co.....	Electric current.....	1.00
	Remington Typewriter Co.....	Typewriter.....	92.25
	J. J. Pastoriza Co.....	Blanks, etc.....	15.50
	Southwest Publishing Co.....	Circulars.....	11.00
	Repsdorph Tent and Awning Co.....	Awnings.....	19.50
	Western Union Telegraph Co.....	Telegraph service.....	20.70
21	S. A. Knapp.....	Traveling expenses.....	62.80
	do.....	Expenses.....	17.54
	R. L. Bennett.....	do.....	46.90
	do.....	do.....	14.85
	E. R. Lloyd.....	Traveling expenses.....	20.05
	J. C. Beck.....	do.....	5.80
	J. S. Kerr.....	do.....	37.20
22	C. W. Warburton.....	do.....	82.05
	Jno. T. Harrison.....	do.....	48.30
	F. J. Tyler.....	do.....	13.65
	A. W. Edson.....	Expenses.....	14.00
	do.....	Traveling expenses.....	61.10
	Jas. L. Quicksall.....	do.....	35.25
23	Lea Beaty.....	do.....	38.30
	Geo. W. Curtis.....	do.....	86.50
	W. M. Bamberge.....	do.....	51.05
	H. E. Singleton.....	do.....	21.50
	R. D. Watson.....	do.....	53.55
27	M. A. Crosby.....	do.....	84.03
	W. J. Duffel.....	do.....	12.25
29	De Kalb Lumber Co.....	Stakes, etc.....	20.73
30	L. H. Davenport et al.....	Salaries.....	560.20
	Total fourth quarter.....		21,679.03
July 2	E. R. Lloyd.....	Salary.....	10.00
	H. N. Hofer.....	do.....	75.00
	Lea Beaty.....	do.....	75.00
	S. A. Knapp.....	do.....	247.25
	G. W. Curtis.....	do.....	206.00
	J. C. Beck.....	do.....	65.00
	W. M. Bamberge.....	do.....	75.00
	R. D. Watson.....	do.....	75.00
	A. B. Kinnebrew.....	do.....	80.00
	G. A. Hall.....	do.....	80.00
	J. E. Wemple.....	do.....	80.00
	W. F. Procter.....	do.....	80.00
	Jas. A. Evans.....	do.....	80.00
	S. H. Watson.....	do.....	26.67
	do.....	do.....	26.66
	E. H. Harman.....	do.....	60.00
	G. T. Williams.....	do.....	60.00
	R. R. Claridge.....	do.....	60.00
	J. L. Quicksall.....	do.....	60.00
	Irene Kinnebrew.....	do.....	60.00
	W. D. Bentley.....	do.....	60.00
	J. W. Carson.....	do.....	2.00
	W. E. Keeble.....	do.....	60.00
	F. A. Hilley.....	do.....	60.00
	L. C. Hill.....	do.....	60.00
	Eva C. Whitley.....	do.....	60.00
	Benjamin Andrews.....	do.....	60.00
	Mariana Crosby.....	do.....	60.00
	T. L. Peeler.....	do.....	60.00
	J. A. Palmer.....	do.....	60.00
	L. J. Berryman.....	do.....	60.00
	Louise Decker.....	do.....	40.00
	A. W. Edson.....	do.....	98.90
	C. H. Billingsley.....	do.....	80.00
	M. A. Crosby.....	do.....	69.20
5	W. E. Keeble.....	Traveling expenses.....	11.35
6	G. A. Hall.....	do.....	65.40
	J. E. Wemple.....	do.....	72.05
	W. D. Bentley.....	do.....	27.80
9	L. C. Corbett.....	do.....	60.41
11	S. M. Tracy.....	Salary.....	164.80
	W. J. Spillman.....	Traveling expenses.....	104.08
	S. M. Tracy.....	do.....	34.11
14	G. F. Miles.....	Services.....	79.10
	R. L. Bennett.....	do.....	164.80
	S. M. Bain.....	do.....	100.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
July 14	S. M. Bain	Traveling expenses	\$46.45
	L. J. Berryman	do.	59.00
	W. F. Procter	do.	29.25
	R. C. Commander	Cotton seed	3.00
15	Benj. Andrews	Traveling expenses	32.50
	do.	do.	60.25
	Geo. W. Curtis	do.	55.05
	Chas. S. Heller	do.	24.81
	W. F. Procter	do.	39.25
	S. H. Watson	do.	96.25
	C. W. Warburton	do.	78.75
	do.	do.	74.20
	S. M. Traey	Services	13.33
18	W. M. Bamberge	Expenses	92.35
	J. F. Duggar	Traveling expenses	10.16
	do.	do.	4.93
	A. W. Edson	do.	78.78
	E. H. Edson	do.	78.75
	E. H. Harmon	do.	42.75
	H. N. Hoffer	do.	41.55
	S. A. Knapp	do.	37.70
	do.	Expenses	24.21
	W. E. Keeble	Traveling expenses	23.30
	Geo. P. Miles	do.	119.24
	Geo. T. Williams	do.	34.20
19	Bausch & Lomb Optical Co.	Catinet	17.00
	The Cargill Co.	Books, etc.	11.65
	Woods & Henshaw	Electric fan	14.00
23	Lea Beatty	Traveling expenses	46.75
	W. D. Bentley	do.	27.70
	L. J. Berryman	do.	39.25
	M. A. Crosby	do.	130.33
	G. A. Hall	do.	57.45
	F. A. Hilley	do.	37.90
	A. B. Kinnebrew	do.	20.90
	J. A. Palmer	do.	47.75
	L. J. Quicksall	do.	27.65
	W. J. Spillman	Expenses	126.31
	R. D. Watson	Traveling expenses	50.20
	S. H. Watson	do.	3.50
	J. E. Wemple	do.	41.75
	Southern Rwy. Co.	Passenger transportation	74.60
	do.	do.	37.30
	do.	do.	12.80
	do.	do.	7.00
	do.	do.	92.64
	Washington-Southern Rwy. Co.	do.	20.10
	do.	do.	22.65
	do.	Freight	9.30
26	J. A. Evans	Traveling expenses	17.10
30	Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation	4.00
	do.	do.	18.85
	Missouri, Kansas and Texas Rwy. Co.	do.	6.90
	do.	do.	8.60
	Louisville and Nashville R. R. Co.	do.	27.50
	do.	do.	9.90
	The Texas and Pacific Rwy. Co.	do.	3.05
	Houston and Texas Central R. R. Co.	do.	4.25
	Atlantic Coast Line R. R. Co.	do.	30.65
	New Orleans and Northeastern R. R. Co.	do.	12.50
	Morgan's Louisiana and Texas R. R. and S. S. Co.	do.	10.85
	Georgia Southern and Florida Rwy.	do.	12.05
	Gulf, Colorado and Santa Fe Rwy. Co.	do.	6.00
	Gulf and Ship Island R. R. Co.	do.	3.95
	San Antonio and Aransas Pass Rwy. Co.	do.	4.50
	Seaboard Air Line Rwy.	do.	9.98
	Norfolk and Washington, D. C., S. B. Co.	do.	3.00
	Texas and New Orleans R. R. Co.	Freight	125.76
	L. H. Davenport	Salaries	765.00
Aug. 1	S. A. Knapp	Services	250.00
	G. W. Curtis	do.	208.33
	H. E. Singleton	do.	136.00
	Mrs. Mariana Crosby	do.	80.00
	Jas. A. Evans	do.	80.00
	G. A. Hall	do.	80.00
	A. B. Kinnebrew	do.	80.00
	W. F. Procter	do.	80.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Aug. 1	J. E. Wemple.....	Services.....	\$80.00
	W. M. Bamberge.....	do.....	75.00
	Lea Beaty.....	do.....	75.00
	H. N. Hoffer.....	do.....	75.00
	Irene Kinnebrew.....	do.....	75.00
	R. D. Watson.....	do.....	75.00
	Irene White.....	do.....	75.00
	E. C. Whitley.....	do.....	75.00
	J. C. Beck.....	do.....	65.00
	L. J. Berryman.....	do.....	60.00
	W. D. Bentley.....	do.....	60.00
	Louise Decker.....	do.....	60.00
	E. H. Harman.....	do.....	60.00
	F. A. Hilley.....	do.....	60.00
	N. E. Keeble.....	do.....	60.00
	J. A. Palmer.....	do.....	60.00
	G. T. Williams.....	do.....	60.00
	J. L. Quicksall.....	do.....	60.00
	S. H. Watson.....	do.....	40.00
	R. R. Claridge.....	do.....	30.00
	Lewis C. Hill.....	do.....	30.00
	T. L. Peeler.....	do.....	30.00
	W. J. Spillman.....	Traveling expenses.....	41.63
	R. L. Bennett.....	do.....	42.85
	H. P. Jones.....	do.....	1.50
2	Benj. Andrews.....	Services.....	60.00
	S. U. Bain.....	do.....	200.00
	M. A. Crosby.....	do.....	70.00
	J. F. Duggar.....	do.....	25.00
	do.....	do.....	25.00
	A. W. Edson.....	do.....	100.00
	N. W. Gilbert.....	do.....	34.00
	E. R. Lloyd.....	do.....	10.00
	do.....	Traveling expenses.....	12.75
	G. F. Miles.....	Services.....	80.00
	C. W. Warburton.....	do.....	75.00
	S. M. Tracy.....	do.....	166.66
4	C. H. Billingsley.....	do.....	80.00
	Jno. C. Parker.....	Erasers.....	3.15
9	Clifford Morse.....	Services.....	40.00
10	Lea Beaty.....	Traveling expenses.....	33.00
	J. C. Beck.....	do.....	8.25
	do.....	do.....	29.50
	M. A. Crosby.....	do.....	87.61
	G. A. Hall.....	do.....	13.00
	N. E. Keeble.....	do.....	37.60
	G. T. Williams.....	do.....	24.00
11	W. M. Bamberge.....	do.....	76.00
	W. D. Bentley.....	do.....	32.75
	E. H. Harman.....	do.....	39.50
	W. T. Procter.....	do.....	52.10
	J. L. Quicksall.....	do.....	13.75
	J. W. Stiles.....	do.....	9.50
16	A. W. Edson.....	do.....	130.95
	do.....	Expenses.....	41.85
	S. A. Knapp.....	do.....	14.35
	R. S. Bennett.....	do.....	6.00
	do.....	Services.....	166.66
	J. S. Davis.....	do.....	80.00
	C. H. Ballingsley.....	Traveling expenses.....	20.46
	G. W. Curtis.....	do.....	89.85
	R. D. Watson.....	do.....	43.50
	Geo. F. Miles.....	do.....	108.73
	C. W. Warburton.....	do.....	99.44
	Britt & Johnson.....	Fertilizer.....	28.45
	Fulton Bag and Cotton Mills.....	Cotton bags.....	7.36
17	J. A. Evans.....	Traveling expenses.....	26.95
	H. N. Hoffer.....	do.....	41.40
	A. B. Kinnebrew.....	do.....	17.75
	L. Bramm.....	Photo truck.....	.50
	The Cargill Co.....	Copying books.....	8.70
	J. E. Culpepper.....	Cotton seed.....	3.38
	J. F. Duggar.....	do.....	2.52
	Remington Typewriter Co.....	Ribbons.....	5.00
	C. Weichsel Co.....	Chemicals.....	21.16
	J. L. & C. J. Wolf.....	Rent, June.....	27.75
	do.....	Rent, July.....	27.75
18	Folmer & Schwing Manufacturing Co.....	Camera.....	80.00
	Farmers' Alliance Cooperative Association.....	Phosphate.....	9.90

294 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Aug. 18	Harvey Seed Co.	Cotton seed	\$10.00
	H. G. Hastings & Co.	do.	1.50
	Houston Lighting and Power Co.	Current	1.10
	do.	do.	1.00
	Marx Schaeffer	Cultivating cotton	50.00
	Paragon Printing Co.	Cards	20.00
	W. E. Porter	Cotton seed	10.00
	J. J. Pastoriza Printing and Lithograph Co.	Printing	52.00
	Bausch & Lomb Chemical Co.	Beakers, etc.	39.72
	N. L. Willet Drug Co.	Seed	5.25
22	J. E. Wemple	Traveling expenses	20.15
	S. A. Knapp	do.	48.40
25	D. A. Saunders	do.	21.25
	R. L. Bennett	Expenses	19.90
	do.	do.	32.85
	do.	do.	66.50
	do.	do.	27.00
26	Western Union Telegraph Co.	Service	8.13
	do.	do.	3.08
27	B. H. Berry	Guano, etc.	200.00
	Bausch & Lomb Optical Co.	Microscope, etc.	109.00
	do.	Cylinder, etc.	45.16
	Marks & Gayle	Soda	10.50
	do.	do.	20.63
29	Wm. Krafft	Cover glasses	5.25
	W. Silas Sheetz	Camera, etc.	44.50
	do.	Photo supplies	6.05
	do.	Kodak, etc.	39.50
	Fred A. Schmidt	Compass, etc.	25.10
	Texas Agricultural Experiment Station	Expressage, etc.	45.95
31	L. H. Davenport et al.	Salaries	499.00
Sept. 1	Lewis C. Hill	Salary	30.00
	S. A. Knapp	do.	250.00
	Irene Kinnebrew	do.	75.00
	W. E. Keeble	do.	60.00
	A. B. Kinnebrew	do.	80.00
	Clifford Morse	do.	40.00
	W. F. Procter	do.	80.00
	Tom L. Peeler	do.	30.00
	J. A. Palmer	do.	60.00
	J. L. Quicksall	do.	60.00
	D. A. Saunders	do.	125.00
	Eva C. Whitley	do.	75.00
	J. E. Wemple	do.	80.00
	S. H. Watson	do.	40.00
	R. D. Watson	do.	75.00
	Irene White	do.	75.00
	Geo. T. Williams	do.	60.00
	Benj. Andrews	do.	60.00
	J. C. Beck	do.	65.00
	Wm. M. Bamberg	do.	75.00
	Lee J. Berryman	do.	60.00
	W. D. Bentley	do.	60.00
	Lea Beaty	do.	75.00
	R. L. Bennett	do.	166.66
	Saml. M. Bain	do.	200.00
	R. R. Claridge	do.	30.00
	G. W. Curtis	do.	208.33
	Mariana Crosby	do.	80.00
	Louise Decker	do.	60.00
	Jas. A. Evans	do.	80.00
	E. H. Harman	do.	60.00
	F. A. Hilley	do.	60.00
	H. N. Hoffer	do.	75.00
	G. A. Hall	do.	80.00
2	I. L. & C. J. Wolf	Rent	27.75
6	M. A. Crosby	Salary	70.00
	D. N. Shoemaker	do.	125.00
	A. W. Edson	do.	100.00
	E. R. Lloyd	do.	10.00
	C. W. Warburton	do.	75.00
	W. W. Gilbert	do.	60.00
	Geo. F. Miles	do.	80.00
7	R. L. Bennett	Traveling expenses	26.10
	S. M. Tracy	do.	166.67
10	C. H. Billingsley	Salary	80.00
13	The Fred Macey Co. (Limited)	Section	7.00
15	A. W. Edson	Traveling expenses	175.14
	do.	Expenses	9.5 5

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Sept. 15	D. N. Shoemaker.....	Traveling expenses.....	\$7.85
	do.....	do.....	87.85
	W. D. Bentley.....	do.....	15.15
	Jas. L. Quicksall.....	do.....	19.15
	R. D. Watson.....	do.....	58.45
	W. M. Bamberg.....	do.....	96.50
16	W. W. Gilbert.....	do.....	69.35
17	C. W. Warburton.....	do.....	87.10
	M. A. Crosby.....	do.....	80.06
	Geo. T. Williams.....	do.....	27.85
	W. F. Procter.....	do.....	47.50
	E. H. Harman.....	do.....	27.25
	Benj. Andrews.....	do.....	32.00
	Texas Seed and Floral Co.....	Seeds.....	15.00
19	Vicksburg, Shreveport and Pacific Rwy. Co.....	Transportation.....	151.31
	The Texas and Pacific Rwy. Co.....	Passenger transportation.....	28.70
	Atlantic Coast Line R. R. Co.....	do.....	21.71
	do.....	do.....	6.00
	The Texas Pacific Rwy. Co.....	do.....	12.00
	The Pullman Co.....	do.....	2.50
	do.....	do.....	6.50
	do.....	do.....	5.00
	Southern Rwy. Co.....	do.....	11.05
	do.....	do.....	20.35
	The Texas and Pacific Rwy. Co.....	do.....	3.50
	do.....	do.....	33.05
	Missouri, Kansas and Texas Rwy. Co.....	do.....	19.55
	do.....	do.....	14.30
	do.....	do.....	3.00
	International and Great Northern R. R. Co.....	do.....	3.40
	Illinois Central R. R. Co.....	do.....	8.50
	Houston, East and West Texas Rwy. Co.....	do.....	9.20
	Florida East Coast Rwy. Co.....	do.....	9.35
	Louisville and Nashville R. R. Co.....	do.....	10.10
	Georgia R. R. Co.....	do.....	5.13
	Houston and Texas Central R. R. Co.....	do.....	3.80
	New Orleans and Northeastern R. R. Co.....	do.....	4.80
	Louisville and Nashville R. R. Co.....	do.....	16.95
	do.....	do.....	3.30
	San Antonio and Aransas Pass Rwy. Co.....	do.....	7.15
	do.....	do.....	4.25
	Texas Central R. R. Co.....	do.....	4.65
20	H. N. Hoffer.....	do.....	63.80
	W. E. Keeble.....	do.....	22.20
	L. J. Berryman.....	do.....	41.00
	J. E. Wemple.....	do.....	29.70
	E. B. Boykin.....	do.....	26.35
22	G. A. Hall.....	do.....	52.30
	F. A. Hilley.....	do.....	41.85
	T. J. Baxter.....	Cultivating cotton.....	30.00
	do.....	do.....	30.00
	J. A. Evans.....	Traveling expenses.....	20.40
24	Southern Rwy. Co.....	Passenger transportation.....	31.36
	Atlantic Coast Line R. R. Co.....	do.....	22.77
	T. W. Wood & Son.....	Seeds.....	2.50
	Paris Wholesale Drug Co.....	Copper sulphate.....	23.75
	Union Envelope Co.....	Envelopes.....	48.51
	L. J. Berryman.....	Traveling expenses.....	43.95
	W. A. Orton.....	do.....	155.17
	C. H. Billingsley.....	do.....	76.67
26	Mackall Bros.....	Chemicals.....	12.48
	E. Morrison Paper Co.....	Bags.....	23.15
	W. Silas Sheetz.....	Lens, etc.....	61.47
	do.....	Cameras, etc.....	222.84
28	G. F. Miles.....	Traveling expenses.....	118.40
	G. W. Curtis.....	do.....	81.70
30	L. H. Davenport et al.....	Salaries.....	372.50
	Total first quarter, 1905.....		19,554.62

RECAPITULATION.

Total third quarter, 1904.....	\$5,637.01
Total fourth quarter, 1904.....	21,679.03
Total first quarter, 1905.....	19,554.62
Total.....	46,870.66

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SPECIAL AGENTS.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 8	O. F. Cook.....	Vouchers.....	\$1,800.00
	S. A. Knapp.....	do.....	1,000.00
	Total.....		2,800.00

COTTON BOLL WEEVIL INVESTIGATIONS—RESERVE FUND, 1904-5.

1904. July 2	J. S. Kerr.....	Salary.....	\$63.33
	Tom Frazier.....	do.....	92.00
	W. J. Duffel.....	do.....	104.00
5	do.....	Traveling expenses.....	3.00
9	J. B. Garrett.....	Salary.....	29.03
	H. A. Morgan.....	do.....	100.00
	S. E. McClendon.....	do.....	158.06
	A. W. Buckner.....	do.....	29.03
11	W. J. Duffel.....	Traveling expenses.....	60.95
14	A. W. Buckner.....	Services.....	50.00
	J. B. Garrett.....	do.....	50.00
15	do.....	Traveling expenses.....	43.65
	E. S. Hardy.....	do.....	49.90
	R. C. Howell.....	do.....	49.95
18	S. E. McClendon.....	do.....	97.45
20	E. S. Hardy.....	Services.....	50.00
	do.....	do.....	29.03
	R. C. Howell.....	do.....	29.03
	do.....	do.....	50.00
	H. A. Morgan.....	Traveling expenses.....	23.85
23	A. W. Buckner.....	do.....	48.10
	H. A. Morgan.....	Expenses.....	16.45
26	do.....	do.....	150.00
Aug. 8	R. C. Howell.....	Services.....	50.00
10	A. W. Buckner.....	do.....	50.00
	J. B. Garrett.....	do.....	50.00
	H. A. Morgan.....	do.....	100.00
	S. E. McClendon.....	do.....	100.00
	E. S. Hardy.....	do.....	50.00
11	A. W. Buckner.....	Traveling expenses.....	41.50
	J. B. Garrett.....	do.....	44.05
	S. E. McClendon.....	do.....	99.50
16	E. S. Hardy.....	do.....	50.00
	R. C. Howell.....	do.....	50.00
	H. A. Morgan.....	do.....	85.45
17	The Dallas Morning News.....	Subscription.....	4.00
	Geo. F. Muth & Co.....	Shades and packing.....	14.70
18	Express Publishing Co.....	Subscription.....	4.25
	Houston Printing Co.....	do.....	4.25
25	H. A. Morgan.....	Expenses.....	191.75
	J. S. Davis.....	Traveling expenses.....	41.40
31	F. L. Lewton.....	do.....	164.00
	G. P. Goll.....	do.....	160.10
Sept. 10	S. E. McClendon.....	Salary.....	100.00
	R. C. Howell.....	do.....	50.00
	do.....	Traveling expenses.....	50.00
	E. S. Hardy.....	Salary.....	50.00
	do.....	Traveling expenses.....	48.20
	A. W. Buckner.....	Salary.....	50.00
	do.....	Traveling expenses.....	50.00
	H. A. Morgan.....	Salary.....	100.00
	C. W. Flynn.....	do.....	21.67
	A. T. Felt.....	do.....	13.33
12	Julius B. Garrett.....	do.....	50.00
15	do.....	Traveling expenses.....	34.00
	S. E. McClendon.....	do.....	97.00
	H. A. Morgan.....	do.....	146.65
	do.....	Expenses.....	265.90
19	Southern Rwy. Co.....	Passenger transportation.....	27.50
	New York, Texas and Mexican Rwy. Co.....	do.....	12.90
	Morgan's Louisiana and Texas R. R. and S. S. Co.....	do.....	14.65
	do.....	do.....	14.65
20	A. T. Felt.....	Traveling expenses.....	39.55
	C. W. Flynn.....	do.....	53.70
	Total first quarter.....		4,021.46

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 8	Rufus B. Merchant.....	Map.....	\$3.20
— 31	C. H. Herty et al.....	Salaries.....	5,003.75
Aug. 1	Fred W. Besley.....	Service.....	40.40
	Jacob C. Blumer.....	do.....	40.40
	John S. Guthrie.....	do.....	40.40
	Wm. B. Howard.....	do.....	40.40
	Gerard B. Lull.....	do.....	40.40
	Titus G. Phillips.....	do.....	40.40
	Harold B. Eastman.....	do.....	40.40
	J. Fred. Baker.....	do.....	40.40
	J. P. Wentling.....	do.....	40.40
	Clayton D. Mell.....	do.....	40.40
	Robt. R. Reynolds.....	do.....	40.40
	M. A. Benedict.....	do.....	40.40
	Herbert A. Paul.....	do.....	40.40
	Herbert O. Stabler.....	do.....	40.40
	E. R. Hodson.....	do.....	40.40
	Jas. M. Fetherolf.....	do.....	40.40
	J. S. Holmes.....	do.....	40.40
	Blaine S. Viles.....	do.....	40.40
	Ferris R. Miller.....	do.....	40.40
	Jno. Appleton.....	do.....	40.40
	Alpheus O. Waha.....	do.....	40.40
	A. C. Ringland.....	do.....	40.40
	Wm. W. Cheever.....	do.....	40.40
	S. P. Woolfolk.....	do.....	40.40
	David G. Kinney.....	do.....	50.50
	Zina L. Bliss.....	do.....	50.50
	Theo. F. Borst.....	do.....	50.50
	C. O. Sparks.....	do.....	50.50
	Wm. H. Mast.....	do.....	50.50
	C. A. McCue.....	do.....	50.50
	Jos. Santucci.....	do.....	50.50
	Geo. Griswold.....	do.....	50.50
	Harry E. Burke.....	do.....	50.50
	Geo. E. Tower.....	do.....	50.50
	Jno. H. Hatton.....	do.....	50.50
	Frank Klarpp.....	do.....	50.50
	Wallace I. Hutchinson.....	do.....	60.60
	Anson E. Cohoon.....	do.....	60.60
	Hugh P. Baker.....	do.....	60.60
	Chas. A. Scott.....	do.....	60.60
	E. S. Moore.....	do.....	60.60
	M. C. Jensen.....	do.....	60.60
	Jno. W. Riggs.....	do.....	60.60
	Royal S. Kellogg.....	do.....	60.60
	Louis C. Miller.....	do.....	60.60
	H. M. Sutter.....	do.....	75.80
	Frank A. Clarke.....	do.....	75.80
	Raphael A. Zon.....	do.....	75.80
	Reynolds Hill.....	do.....	75.80
	Smith Riley.....	do.....	75.80
	Geo. Farley.....	do.....	75.80
	W. H. B. Kent.....	do.....	75.80
	Rollin G. Giffin.....	do.....	75.80
	Harrold B. Kempton.....	do.....	72.83
	Jno. B. Anderson.....	do.....	72.83
	Saml. N. Springs.....	do.....	72.83
	Austin F. Hawes.....	do.....	72.83
	Albert H. Cooper.....	do.....	72.83
	Wm. D. Sterrett.....	do.....	72.83
	J. G. Peters.....	do.....	72.83
	Theo. S. Woolsey, jr.....	do.....	72.83
	Flers Koch.....	do.....	72.83
	Will L. Porterfield.....	do.....	32.61
	Joseph A. Fitzwater.....	do.....	32.61
	Jas. E. Gow.....	do.....	32.61
	Burton E. Babcock.....	do.....	32.61
	Burtis J. Teasdale.....	do.....	32.61
	Jno. M. Keeler, jr.....	do.....	32.61
	Walter J. Morrill.....	do.....	32.61
3	E. R. Secrist.....	do.....	32.61
	H. O. Tunis.....	do.....	32.61
	Albert F. Potter.....	do.....	151.60
	W. A. Langille.....	do.....	151.60
	Edward T. Allen.....	do.....	151.60
	Loren E. Hunt.....	do.....	168.50
	H. D. Langille.....	do.....	168.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 3	Thos. H. Sherrard.....	Service.....	\$168.50
	Herman von Schrenk.....	do.....	210.60
	Eugene S. Bruce.....	do.....	210.60
	Alfred Ackerman.....	do.....	84.20
	H. K. Porter.....	do.....	84.20
	Roy L. Marston.....	do.....	84.20
	Theo. P. Lukins.....	do.....	84.20
	Judson F. Clark.....	do.....	84.20
	W. J. Gardner.....	do.....	67.94
	Frank G. Miller.....	do.....	67.94
	R. B. Wilson.....	do.....	67.94
	Harold S. Betts.....	do.....	101.10
	Geo. E. Clement.....	do.....	101.10
	Chas. S. Chapman.....	do.....	101.10
	Edwin M. Hamilton.....	do.....	101.10
	Coert Du Bois.....	do.....	101.10
	Alfred J. Chittenden.....	do.....	101.10
	Saml. B. Detwiler.....	do.....	63.05
	E. Feagan.....	do.....	27.72
	Horatio A. Brown.....	do.....	31.14
	H. J. Tompkins.....	do.....	117.90
	G. Alleman.....	do.....	60.00
	Carl G. Barth.....	do.....	54.84
	Richard P. Imes.....	do.....	72.83
	Frank Tompkins.....	do.....	50.50
	Walter S. Brown.....	do.....	25.30
	Henry D. Aller.....	do.....	25.30
	W. W. Mott.....	do.....	25.30
	Robt. L. Black.....	do.....	25.30
	A. E. Oman.....	do.....	25.30
	Frank B. Moody.....	do.....	25.30
	Frank B. Mattoon.....	do.....	25.30
	Louis Margolin.....	do.....	25.30
	W. G. Higgins.....	do.....	25.30
	Walter B. Hadley.....	do.....	25.30
	Wm. H. Kobbe.....	do.....	25.30
	Stewart J. Flintham.....	do.....	25.30
	Roland D. Craig.....	do.....	25.30
	Robert W. Ayers.....	do.....	25.30
	Willard M. Drake.....	do.....	25.30
	Hartley B. Holroyd.....	do.....	25.30
	A. T. Searles.....	do.....	25.30
	Jno. H. Bridges.....	do.....	25.30
	Jerome H. Ramskill.....	do.....	25.30
	Walter K. Wilder.....	do.....	25.30
	Daniel W. Hamm.....	do.....	25.30
	A. W. Whetstone.....	do.....	25.30
	Howard F. Weiss.....	do.....	25.30
	F. H. McLaury.....	do.....	25.30
	T. T. Munger.....	do.....	25.30
	E. G. Cheyney.....	do.....	25.30
	Joseph Mead.....	do.....	25.30
	Edwd. E. Carter.....	do.....	25.30
	Douglas Rodman.....	do.....	25.30
	Clarence J. Buck.....	do.....	25.30
	E. A. Ziegler.....	do.....	25.30
	Paul G. Redington.....	do.....	25.30
	E. E. Adams.....	do.....	25.30
	L. L. White.....	do.....	25.30
	Ralph E. Sheldon.....	do.....	25.30
	Frank J. Phillips.....	do.....	25.30
	J. F. Bond.....	do.....	25.30
	H. R. Bristol.....	do.....	25.30
	R. B. Bartholomew.....	do.....	25.30
	Willis L. Jepson.....	do.....	25.30
	Anton T. Boisen.....	do.....	25.30
	F. S. Kent.....	do.....	25.30
	Paul D. Kelleter.....	do.....	25.30
	Jno. M. Nelson, jr.....	do.....	25.30
	Allen R. Powers.....	do.....	25.30
	Clinton G. Smith.....	do.....	25.30
	E. E. Bogue.....	do.....	25.30
	W. J. Turner.....	do.....	25.30
	Manasseh Smith, jr.....	do.....	25.30
	Jas. W. Toumey.....	do.....	25.30
	Stephen M. Crowell.....	do.....	25.30
	Geo. H. Cecil.....	do.....	25.30
	Geo. W. Dunnan.....	do.....	25.30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 3	Clifton D. Howe.....	Service.....	\$25.30
	P. T. Harris.....	do.....	25.30
	Fayette D. Conden.....	do.....	25.30
	J. Earl Barton.....	do.....	25.30
	W. W. White.....	do.....	25.30
	Alfred C. Weed.....	do.....	25.30
	Thos. J. Taylor.....	do.....	25.30
	Burton P. Tinchell.....	do.....	25.30
	Ernest Saunders.....	do.....	25.30
	Wm. G. Weigle.....	do.....	25.30
	T. Leonard Hoover.....	do.....	25.30
	Will B. Greeley.....	do.....	25.30
	Max Rothkugel.....	do.....	25.30
	Clyde Leavitt.....	do.....	25.30
	W. W. Everett.....	do.....	25.30
	Harrold Day Foster.....	do.....	25.30
	Louis Krautter.....	do.....	25.30
	Karl W. Woodward.....	do.....	25.30
	Ralph C. Hawley.....	do.....	25.30
	Harry D. Everett.....	do.....	25.30
	H. W. Chittenden.....	do.....	25.30
4	Phillip W. Ayers.....	do.....	25.30
	O. T. Swan.....	do.....	25.30
	Thos. Balfour.....	do.....	25.30
	J. D. Warner.....	do.....	25.30
	Henry D. Scudder.....	do.....	25.30
	Holyoke Davis.....	do.....	25.30
	Allens S. Peck.....	do.....	25.30
	Raymond E. Benedict.....	do.....	60.60
	E. A. Braniff.....	do.....	78.48
6	W. K. Hatt.....	Traveling expenses.....	28.90
10	Wm. H. Kobbe.....	do.....	58.31
	Danl. W. Hamm.....	do.....	34.50
	Clarence John Buck.....	do.....	29.75
	Otto Luebkert.....	do.....	17.65
	Clinton G. Smith.....	do.....	71.95
	Clifton D. Howe.....	do.....	48.95
	Harold D. Foster.....	do.....	62.65
	Paul D. Kelleter.....	do.....	100.45
	Willard M. Drake.....	do.....	65.50
	Frank B. Moody.....	do.....	83.00
	Jas. M. Fetherolf.....	do.....	46.10
	Jno. H. Bridges.....	do.....	16.93
	Stuart J. Flintham.....	do.....	23.41
	Ira N. Bovee.....	Services.....	32.00
	Fred. Thornton.....	do.....	23.75
	C. A. Norton.....	do.....	27.72
	Herbert A. Smith.....	do.....	28.00
	Sherman A. Allen.....	do.....	25.30
	Wm. C. Hodge, jr.....	do.....	101.10
	The Leeds and Northrup Co.....	do.....	81.00
12	Delano & Moore.....	do.....	575.49
	H. M. Sutter.....	do.....	140.30
	Harvard Laundry Co.....	do.....	2.33
13	D. N. Walford.....	Dials.....	25.20
	Moore Bros.....	Typewriters.....	68.00
	Jas. S. Topham.....	Trunks.....	90.00
	Wm. Brown.....	Drayage.....	2.00
14	Coert Du Bois.....	Traveling expenses.....	132.61
	J. P. Wentling.....	do.....	87.82
	J. F. Baker.....	do.....	67.05
	E. R. Secrest.....	do.....	44.20
	Jerome H. Ramskill.....	do.....	29.25
	Eugene S. Bruce.....	do.....	75.04
	Z. L. Bliss.....	do.....	130.67
	Saml. B. Detwiler.....	do.....	13.85
	Jas. E. Gow.....	do.....	35.10
	Howard F. Weiss.....	do.....	29.15
	F. E. Olmsted.....	do.....	170.35
	Thos. J. Taylor.....	do.....	20.15
	Wilfred W. White.....	do.....	32.30
	J. S. Holmes.....	do.....	73.45
	Henry D. Allen.....	do.....	36.48
	Richd. P. Imes.....	do.....	101.75
	Herbert A. Paul.....	do.....	143.40
	Wesley J. Gardner.....	do.....	290.90
	Edw. M. Hamilton.....	do.....	142.00
	J. Earl Barton.....	do.....	16.85

300 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 14	E. B. Hodson.....	Traveling expenses.....	\$81.72
	Wm. R. Lazenby.....	Services.....	25.30
	C. W. Edgerton.....	do.....	25.30
	Wm. T. Cox.....	do.....	50.50
	O. S. Mason.....	do.....	49.50
	O. H. Conrad.....	Rubber hose.....	37.50
	Red Front Mercantile Co.....	Groceries.....	45.65
	Geo. M. Baldwin.....	Lumber.....	45.68
	C. Becker.....	Trunk.....	18.90
	The Maurice Joyce Engraving Co.....	Dies.....	8.00
	Remington Typewriter Co.....	Typewriter.....	182.25
	Capital Traction Co.....	Car tickets.....	15.00
	Geo. E. Corbett.....	Photo materials.....	20.75
	R. C. M. Burton & Son.....	Awnings.....	6.95
	L. G. Orndorff.....	Wheel cart.....	7.00
	Chas. R. Edmonston.....	Filter.....	7.00
	Densmore Typewriting Co.....	Card platen.....	7.50
15	National Electrical Supply Co.....	Fans.....	17.00
	Francis Miller.....	Oil.....	3.68
	Lamb & Tilden.....	Rack.....	3.80
	Hugh Reilly.....	Brush.....	1.30
17	W. & L. E. Gurley.....	Compasses.....	137.70
	Chas. N. Dayton.....	Photo prints.....	1.50
18	E. Morrison Paper Co.....	Stationery.....	18.75
	Remington Typewriter Co.....	Typewriter.....	92.25
	Jno. C. Rau.....	Wire.....	4.14
	Bishop Art Co.....	Photo supplies.....	29.94
19	Reynolds Hill.....	Traveling expenses.....	235.17
	C. O. Sparks.....	do.....	154.42
	Harold B. Eastman.....	do.....	38.46
	F. W. Reed.....	do.....	101.15
	R. G. Giffin.....	do.....	10.00
	Geo. Farley.....	do.....	37.20
	Theo. F. Borst.....	do.....	35.05
	E. J. S. Moore.....	do.....	59.99
	Jos. A. Fitzwater.....	do.....	23.35
	Walter S. Brown.....	do.....	36.64
	Frank G. Miller.....	do.....	67.40
	Manasseh Smith, jr.....	do.....	61.07
	Chas. A. Scott.....	do.....	51.66
	Alfred Gaskill.....	do.....	179.50
	H. K. Porter.....	do.....	113.12
	Geo. Griswold.....	do.....	68.64
	Saml. N. Spring.....	do.....	119.46
	Hugh P. Baker.....	do.....	309.93
	Gilbert Alleman.....	do.....	289.15
	Geo. E. Tower.....	do.....	183.15
	Clyde Leavitt.....	do.....	30.39
	Burton E. Babcock.....	do.....	29.57
	Ralph E. Sheldon.....	do.....	40.08
	E. A. Ziegler.....	do.....	53.43
	C. E. Feagan.....	do.....	41.75
	Henry Grinnell.....	do.....	244.46
	G. E. Clement.....	do.....	131.61
	Henry W. Newman.....	do.....	16.25
	Smith Riley.....	do.....	120.40
	Filibert Roth.....	do.....	169.78
	W. H. B. Kent.....	do.....	143.65
	H. Day Foster.....	do.....	37.75
	Louis Margolin.....	do.....	17.90
	Keuffel & Esser.....	Guides.....	28.50
	Carter, Rice & Co. (Corporation).....	Wrapping paper.....	21.60
	G. W. Shank.....	Board.....	36.67
	Jno. C. Gifford.....	Services.....	151.60
	Chas. A. Lyford.....	do.....	25.30
	R. S. Kellogg.....	Traveling expenses.....	201.25
	Thornton T. Munger.....	do.....	11.95
	Jno. M. Keeler, jr.....	do.....	31.00
	H. B. Holroyd.....	do.....	4.25
	Frank A. Clarke.....	do.....	141.35
	Wm. T. Cox.....	do.....	238.41
	M. A. Benedict.....	do.....	110.94
	Geo. H. Cecil.....	do.....	45.20
	W. & L. E. Gurley.....	Pouch.....	2.15
	Eberhard Faber.....	Bands.....	126.00
	C. P. Goerz.....	Lenses.....	222.30
	The Torsion Balance Co.....	Metric weights.....	24.50
20	Wm. E. Stockett & Co.....	Portfolio.....	1.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 20	Geo. H. Walker & Co.....	Maps.....	\$1.00
	M. Du Perow.....	Buzzers.....	3.60
	do.....	Electric supplies.....	4.14
21	National Electrical Supply Co.....	Measuring instruments.....	6.00
	Robt. W. Peed.....	Services.....	60.00
	R. V. R. Reynolds.....	Traveling expenses.....	151.83
	Douglas Rodman.....	do.....	26.35
	T. P. Luikens.....	do.....	182.30
	M. C. Jensen.....	do.....	72.87
	Robt. W. Ayers.....	do.....	56.40
	J. C. Blumer.....	do.....	10.55
	H. D. Scudder.....	do.....	59.00
	Avery T. Searl.....	do.....	36.68
	E. E. Burk.....	do.....	88.70
	Albert W. Cooper.....	do.....	15.85
	Robt. B. Wilson.....	do.....	215.81
	Albert F. Potter.....	do.....	169.75
	Ferris R. Miller.....	do.....	58.23
	Wm. F. Hubbard.....	do.....	121.64
25	Jas. B. Jones.....	do.....	162.25
	Roland D. Craig.....	do.....	42.15
	Wm. H. Mast.....	do.....	141.27
	W. W. Mott.....	do.....	63.31
	Walter B. Hadley.....	do.....	48.45
	L. C. Miller.....	do.....	202.20
	Wm. L. Hall.....	do.....	56.30
	A. D. Hopkins.....	do.....	51.69
	Fayette D. Conden.....	do.....	14.26
	Allen B. Patterson.....	do.....	93.95
	Edw. T. Allen.....	do.....	128.61
	Wm. W. Mott.....	do.....	15.85
	J. B. Jones.....	Services.....	40.40
	Franklin W. Reed.....	do.....	84.20
26	Jno. B. Anderson.....	Traveling expenses.....	50.78
	G. B. Lull.....	do.....	38.59
	Ralph S. Hosmer.....	do.....	186.05
	Clinton G. Smith.....	do.....	40.25
	Edw. E. Carter.....	do.....	16.87
	H. O. Tunis.....	do.....	21.06
	Blaine S. Viles.....	do.....	146.00
	Frank Klarpp.....	do.....	50.50
	Robt. L. Black.....	do.....	83.20
	David G. Kinney.....	do.....	153.62
	Chas. A. Lyford.....	do.....	22.20
	E. A. Bramiff.....	do.....	190.51
	E. G. Cheney.....	do.....	16.15
	F. W. Besley.....	do.....	46.90
	Frank Tompkins.....	do.....	31.57
	Wallace I. Hutchinson.....	do.....	48.42
	R. G. Zon.....	do.....	45.26
	Wm. W. Cheever.....	do.....	31.00
	R. E. Benedict.....	do.....	204.65
	C. A. McCue.....	do.....	179.95
	Elers Koch.....	do.....	225.25
	H. D. Langille.....	do.....	120.57
	H. J. Thomkins.....	do.....	123.21
	C. H. Hanson.....	Hammers.....	25.50
27	W. A. Downing Saddlery Co.....	Saddles.....	40.50
	Loren E. Hunt.....	Traveling expenses.....	150.20
	Anson E. Cohoon.....	do.....	78.06
	Paul D. Kelleter.....	do.....	50.55
	R. V. R. Reynolds.....	do.....	127.12
	S. S. Shedd & Bro. Co.....	Heater.....	9.70
	Moore Bros.....	Traveling case.....	8.00
	The J. C. Ergood Co.....	Pearline.....	1.44
	M. Du Perow.....	Electric supplies.....	2.40
	Fred. A. Schmidt.....	Drawing materials.....	31.05
	Houghton & Delano.....	Photo supplies.....	108.71
	D. F. Parker.....	Stationery.....	54.60
	The C. J. McCubbin Co.....	Straps.....	.20
	W. B. Moses & Sons.....	Furniture.....	20.25
	Rudolph, West & Co.....	Hardware.....	39.22
	Jas. B. Lambie Co.....	do.....	5.87
	do.....	Brooms.....	5.80
	Amberg File and Index Co.....	Cases.....	15.59
28	Jno. H. Hatton.....	Traveling expenses.....	136.21
29	W. K. Hatt.....	do.....	40.79
31	C. H. Herty et al.....	Salaries.....	4,745.37

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 1	Jno. Appleton.....	Services.....	\$40.40
	J. Fred. Baker.....	do.....	40.40
	M. A. Benedict.....	do.....	40.40
	Jacob C. Blumer.....	do.....	40.40
	H. J. Brown.....	do.....	40.40
	Fred. A. Besley.....	do.....	40.40
	Jas. M. Fetheroff.....	do.....	40.40
	Robt. V. R. Reynolds.....	do.....	40.40
	Clayton D. Mell.....	do.....	40.40
	Wm. B. Howard.....	do.....	40.40
	H. B. Eastman.....	do.....	40.40
	Wm. W. Cheever.....	do.....	40.40
	A. C. Ringland.....	do.....	40.40
	Gerald B. Lull.....	do.....	40.40
	Jno. S. Guthrie.....	do.....	40.40
	J. S. Holmes.....	do.....	40.40
	E. R. Holson.....	do.....	40.40
	Herbert A. Paul.....	do.....	40.40
	Herbert O. Stabler.....	do.....	40.40
	Blaine S. Viles.....	do.....	40.40
	J. P. Wentling.....	do.....	40.40
	S. P. Woolfolk.....	do.....	40.40
	Alpheus O. Waha.....	do.....	40.40
	Ferris R. Miller.....	do.....	40.40
	Wm. T. Cox.....	do.....	50.50
	Geo. E. Tower.....	do.....	50.50
	Jno. H. Hatton.....	do.....	50.50
	Geo. Griswold.....	do.....	50.50
	Harry E. Burke.....	do.....	50.50
	Jno. E. Keach.....	do.....	50.50
	C. Marshall Taylor.....	do.....	50.50
	Frank Tompkins.....	do.....	50.50
	David G. Kinney.....	do.....	50.50
	Zina L. Bliss.....	do.....	50.50
	Theo. F. Borst.....	do.....	50.50
	Wm. H. Mast.....	do.....	50.50
	Frank Klarpp.....	do.....	50.50
	C. O. Sparks.....	do.....	50.50
	C. A. Norton.....	do.....	50.50
	C. Feagan.....	do.....	50.50
	Anson E. Cohoon.....	do.....	60.60
	Hugh P. Barker.....	do.....	60.60
	Louis C. Miller.....	do.....	60.60
	Royal S. Kellogg.....	do.....	60.60
	E. J. S. Moore.....	do.....	60.60
	Jno. W. Piggs.....	do.....	60.60
	Chas. A. Scott.....	do.....	60.60
	W. J. Hutchinson.....	do.....	60.60
	M. C. Jensen.....	do.....	60.60
	Herman J. Sutter.....	do.....	75.80
	Smith Riley.....	do.....	75.80
	Geo. Farley.....	do.....	75.80
	Henry W. Newman.....	do.....	75.80
	G. G. Rollin.....	do.....	75.80
	Wm. H. B. Kent.....	do.....	75.80
	Rapheal G. Zon.....	do.....	75.80
	Reynolds Hill.....	do.....	75.80
	Elers Koch.....	do.....	84.20
	H. K. Porter.....	do.....	84.20
	Robt. D. Wilson.....	do.....	84.20
	Wm. D. Sterrett.....	do.....	84.20
	Judson F. Clarke.....	do.....	84.20
	J. Given Peters.....	do.....	84.20
	Theo. S. Woolsey, jr.....	do.....	84.20
	Harold B. Kempton.....	do.....	84.20
	Saml. B. Delwiller.....	do.....	84.20
	Saml. L. Spring.....	do.....	84.20
	Jno. B. Anderson.....	do.....	84.20
	Theo. P. Lukens.....	do.....	84.20
	Albert Cooper.....	do.....	84.20
	Roy. L. Marston.....	do.....	84.20
	Alfred Ackerman.....	do.....	84.20
	Frank G. Miller.....	do.....	84.20
	W. J. Gardner.....	do.....	84.20
	Austin F. Hawes.....	do.....	84.20
	Chas. S. Chapman.....	do.....	101.10
	Coert Du Bois.....	do.....	101.10
	Edwin M. Hamilton.....	do.....	101.10
	Wm. C. Hodge, jr.....	do.....	101.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 1	Alfred Chittenden.....	Services	\$101.10
	Frank W. Reed.....	do	101.10
	Geo. E. Clement.....	do	101.10
	Edw. T. Allen.....	do	151.60
	W. A. Langille.....	do	151.60
	Alfred F. Potter.....	do	151.60
	Jno. Gifford.....	do	151.60
	H. D. Langille.....	do	168.50
	Thos. H. Sherrard.....	do	168.50
	Loren E. Hunt.....	do	168.50
	H. von Schrenk.....	do	210.60
	Eugene S. Bruce.....	do	210.60
	H. J. Tompkins.....	do	117.90
	Filibert Roth.....	do	189.55
	Sherman A. Allen.....	do	19.57
	Wm. W. Mott.....	do	8.15
	Joseph Mead.....	do	12.23
	Daniel W. Hamm.....	do	17.12
	J. B. Jones.....	do	18.26
	Carl G. Barth.....	do	100.00
	G. Alleman.....	do	60.00
	Walter Shoemaker.....	do	32.00
	Allen B. Paterson.....	do	25.30
	do.....	do	25.30
	Burtis J. Teasdale.....	do	25.30
	Henry D. Scudder.....	do	25.30
	Allen S. Peck.....	do	25.30
	Hartley B. Halroyd.....	do	25.30
	O. T. Swan.....	do	25.30
	Willis L. Jepson.....	do	25.30
	J. H. Ramskill.....	do	25.30
	Phillip T. Harris.....	do	25.30
	Thornton T. Munger.....	do	25.30
	Walter K. Wildes.....	do	25.30
	Howard T. Weiss.....	do	25.30
	A. W. Whetstone.....	do	25.30
	Edw. E. Carter.....	do	25.30
	Geo. H. Cecil.....	do	25.30
	E. G. Cheyney.....	do	25.30
	Douglas Rodman.....	do	25.30
	Joseph A. Fitzwater.....	do	25.30
	C. W. Edgerton.....	do	25.30
	O. E. Oman.....	do	25.30
	W. G. Higgins.....	do	25.30
	Walter S. Brown.....	do	25.30
	Manasseh Smith, jr.....	do	25.30
	L. L. White.....	do	25.30
	Henry D. Aller.....	do	25.30
	Wm. H. Kobbi.....	do	25.30
	Edwd. A. Ziegler.....	do	25.30
	Ralph E. Shelden.....	do	25.30
	J. D. Warner.....	do	25.30
	Jas. W. Tonney.....	do	25.30
	Chas. A. Lyford.....	do	25.30
	Wm. R. Lazenby.....	do	25.30
	E. E. Adams.....	do	25.30
	E. E. Bogue.....	do	25.30
	Louis Margolin.....	do	25.30
	W. R. Mattoon.....	do	25.30
	Robt. W. Ayers.....	do	25.30
	Frank B. Moody.....	do	25.30
	S. J. Flinthorn.....	do	25.30
	Willard M. Drake.....	do	25.30
	Louis Krautler, jr.....	do	25.30
	Jno. H. Bridges.....	do	25.30
	Robt. L. Black.....	do	25.30
	Walter B. Hadley.....	do	25.30
	Roland D. Craig.....	do	25.30
	Avery T. Searle.....	do	25.30
	Phillip W. Ayers.....	do	25.30
	Allen R. Powers.....	do	25.30
	H. Day Foster.....	do	25.30
	T. Leonard Hoover.....	do	25.30
	Clinton G. Smith.....	do	25.30
	Paul D. Redington.....	do	25.30
	Anton D. Boisen.....	do	25.30
	Clifton D. Howe.....	do	25.30
	Will B. Greeley.....	do	25.30
	Karl W. Woodward.....	do	25.30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 1	W. J. Turner	Services	\$25.30
	Geo. W. Donnan	do.	25.30
	Jno. M. Nelson, jr.	do.	25.30
	F. H. McLaury	do.	25.30
	Jas. E. Gow	do.	25.30
	H. R. Bristol	do.	25.30
	Jno. M. Keeler, jr.	do.	25.30
	Walter J. Morrell	do.	25.30
	Fayette D. Conden	do.	25.30
	Max Rothkugel	do.	25.30
	Burton E. Babcock	do.	25.30
	Clyde Leavitt	do.	25.30
	Will L. Porterfield	do.	25.30
	E. R. Seerist	do.	25.30
	Holyoke Davis	do.	25.30
	H. O. Tunis	do.	25.30
	Ernest Sanders	do.	25.30
	W. W. White	do.	25.30
	Jay F. Bond	do.	25.30
	Sylvester M. Crowell	do.	25.30
	Thos. J. Taylor	do.	25.30
	Burton P. Twichell	do.	25.30
	R. C. Hawley	do.	25.30
	Clarence J. Buck	do.	25.30
	J. Earl Barton	do.	25.30
	Alfred C. Weed	do.	25.30
	F. Stanley Kent	do.	25.30
	R. B. Bartholomew	do.	25.30
	H. Day Everett	do.	25.30
	H. W. Chittenden	do.	25.30
	Wallace W. Everitt	do.	25.30
3	Joseph Meed	Traveling expenses	59.00
	Wm. C. Hodge, jr.	do.	158.10
	Chas. H. Herty	do.	437.60
4	Walter Shoemaker	Services	32.00
	W. A. Dowling Saddlery Co.	Harness	30.00
	Paul D. Kelleter	Services	25.30
	Titus D. Phillips	do.	40.40
	Herbert A. Smith	do.	56.00
	Raymond E. Benedict	do.	60.60
	Frank A. Clarke	do.	75.80
	Chas. H. Crist	do.	6.52
	Galen S. Cleland	do.	19.57
8	Harry Grinnell	Traveling expenses	133.95
9	Chas. S. Chapman	do.	41.37
	Thos. J. Taylor	do.	36.60
	W. F. Fiske	do.	74.74
	Jno. W. Warren	Services	60.60
	W. G. Wiegel	do.	25.30
10	E. A. Ziegler	Traveling expenses	57.59
	J. P. Wentling	do.	71.98
	Henry D. Allen	do.	52.69
	R. S. Kellogg	do.	210.34
	H. N. Whitford	do.	14.00
	Jas. E. Gow	do.	3.30
	Phillip T. Harris	do.	4.95
	Ferris R. Miller	do.	69.90
	Franklin R. Reed	do.	72.73
	Jno. Foley	do.	32.60
	Geo. Griswold	do.	71.47
	Wm. H. Kobbi	do.	77.89
	M. C. Jensen	do.	76.30
	Walter S. Brown	do.	39.60
	Clarence J. Buck	do.	33.35
	Hartley B. Holroyd	do.	11.26
	H. W. Newman	do.	40.65
	O. A. Waha	do.	12.48
	Jno. Appleton	do.	33.65
	Edw. A. Braniff	Services	84.20
	C. A. McCue	do.	50.50
	Robt. H. Allen	do.	13.86
	Royal F. Nash	do.	6.52
	J. P. Nawrath	Twine	5.38
	Henry Heil Chemical Co.	Beakers	3.55
	Remington Typewriter Co.	Typewriter	92.25
	Barber & Ross	Hatchet handles	4.15
11	Jno. Underwood & Co.	Carbon paper	37.90
	Kelly Axe Manufacturing Co.	Axes	18.00
	Andrew Faist	Horse	25.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 11	Red Front Mercantile Co.	Groceries.	\$60.32
	Fred. Thornton.	Services.	31.25
	Ira N. Bovee.	do.	26.25
	J. M. Fetherolf.	Traveling expenses.	32.68
	Wm. W. Cheever.	do.	24.52
	Allen B. Patterson.	do.	130.80
	Chas. A. Lyford.	do.	25.75
	B. E. Babcock.	do.	31.00
	David G. Kinney.	do.	154.92
	A. D. Hopkins.	do.	40.56
	Alfred Gaskill.	do.	368.00
12	Delano & Moore.	Photo supplies.	329.35
14	Mackall Bros.	Burettes, etc.	146.63
	O. W. Price.	Traveling expenses.	107.75
16	J. W. Tournay.	do.	174.34
	Phillip T. Harris.	do.	6.13
	Fayette D. Conden.	do.	12.25
	J. H. Ramskill.	do.	31.00
	Eugene S. Bruce.	do.	530.82
	Jno. W. Warren.	do.	76.12
	C. Marshall Taylor.	do.	120.35
	Manesseh Smith, jr.	do.	49.22
	Daniel W. Hamm.	do.	21.18
	Robt. B. Wilson.	do.	82.12
	R. V. R. Reynolds.	do.	37.81
	E. R. Secrist.	do.	31.00
	Elers Koch.	do.	121.50
	G. E. Tower.	do.	266.75
	Edw. T. Allen.	do.	48.40
	Saml. B. Detwiler.	do.	10.85
	Wm. F. Hubbard.	do.	168.59
	L. C. Miller.	do.	288.11
	Wesley Bradfield.	Services.	15.49
	Alfred C. Burrill.	do.	6.52
	Clyde F. Kershner.	do.	15.49
	Santiago Artiaga.	do.	15.49
	F. B. H. Brown.	do.	15.49
	Church & Stephenson.	Lumber.	97.46
	Jas. Nicholson.	Canvas.	8.00
	Julius Lansburg.	Hardware.	24.35
	Jos. L. Crupper.	Lumber.	13.60
17	Keuffel & Esser Co.	Rules.	54.00
	The Draper Manufacturing Co.	Thermometers.	30.00
	Tinius Olsen & Co.	Tools.	10.00
	C. R. Nilstead.	Preparing plats.	12.00
	R. N. Peed.	Services.	60.00
	H. N. Scudder.	Traveling expenses.	10.35
	Avery T. Searle.	do.	9.45
	Ralph E. Sheldon.	do.	47.85
	Z. L. Bliss.	do.	95.40
	G. E. Clement.	do.	160.50
	C. Feagan.	do.	70.65
	Frank Tompkins.	do.	109.67
	Herbert R. Paul.	do.	90.85
	J. Fred Baker.	do.	85.27
	T. P. Lukins.	do.	257.63
	E. R. Hodson.	do.	98.81
	David G. Kinney.	do.	26.37
	Coert Du Boise.	do.	235.70
	Clifton D. Howe.	do.	36.74
	A. S. Peck.	do.	3.50
	do.	do.	9.95
	Hamilton G. Merrill.	Services.	10.43
18	H. D. Langille.	Traveling expenses.	132.27
	Alfred C. Burrill.	do.	12.20
	H. B. Eastman.	do.	85.78
	Hugh P. Baker.	do.	233.73
	Edwin M. Hamilton.	do.	39.00
	Jno. M. Keeler, jr.	do.	23.32
	G. S. Cleland.	do.	22.42
	E. J. S. Moore.	do.	51.90
	Chas. A. Scott.	do.	107.94
	M. A. Benedict.	do.	98.62
	Gilbert Alleman.	do.	91.44
	J. W. Toumey.	do.	105.99
	Fred A. Schmidt.	Drawing materials.	18.15
	Maine Central R. R. Co.	Passenger transportation.	10.85
	Great Northern Rwy. Co.	do.	12.39

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 18	The Pennsylvania R. R. Co.....	Passenger transportation.....	\$17.00
	.....do.....	.....do.....	97.50
	.....do.....	.....do.....	99.87
	Washington Southern Rwy. Co.....	.....do.....	11.30
	Galveston, Harrisburg and San Antonio Rwy. Co.....	.....do.....	22.10
	Oregon Short Line R. R. Co.....	.....do.....	15.30
	Georgia Southern and Florida Rwy. Co.....	.....do.....	8.61
19	Michigan Central R. R. Co.....	.....do.....	63.65
	Duluth, South Shore and Atlantic Rwy. Co.....	.....do.....	44.79
	Delaware, Lackawanna and Western R. R. Co.....	.....do.....	10.90
	Terre Haute and Indianapolis R. R. Co.....	.....do.....	64.00
	Southern Rwy. Co.....	.....do.....	92.95
	Burlington and Missouri River R. R.....	.....do.....	6.63
	The Chesapeake and Ohio Rwy. Co.....	.....do.....	77.75
	Northern Pacific Rwy. Co.....	.....do.....	15.80
	Rio Grande, Pagosa and Northern R. R. Co.....	.....do.....	11.10
	Erie R. R. Co.....	.....do.....	8.92
	The Atchison, Topeka and Santa Fe Rwy. Co.....	.....do.....	206.45
	Oceanic Steamship Co.....	.....do.....	135.00
	Pennsylvania R. R. Co.....	.....do.....	46.90
	Georgia Southern and Florida Rwy. Co.....	.....do.....	3.84
	New York Central and Hudson River R. R. Co.....	.....do.....	24.05
	Southern Rwy. Co.....	.....do.....	37.25
	Merchants and Miners' Transportation Co.....	.....do.....	12.50
	Central Vermont Rwy. Co.....	.....do.....	3.02
21	R. P. Andrews & Co. (Incorporated).....	Paper holders.....	20.40
	The Maurice Joyce Engraving Co.....	Engraving letter paper.....	.75
	Giddings & Steele.....	Rug.....	3.10
	Merchants' Transfer and Storage Co.....	Hauling.....	12.85
	Underwood Typewriter Co.....	Typewriting.....	92.50
	S. J. Venable.....	Photo supplies.....	2.95
	E. Morrison Paper Co.....	Cardboard.....	8.80
	Wm. E. Stockett & Co.....	Tags.....	5.50
	Lamb & Tilden.....	Steel plates.....	21.45
	R. B. Merchant.....	Map.....	.80
	Nellie W. Breinzer.....	Traveling expenses.....	34.50
22	Saml. N. Spring.....	.....do.....	134.54
	F. E. Olmsted.....	.....do.....	268.60
	Jno. H. Hatton.....	.....do.....	151.30
	Albert F. Potter.....	.....do.....	123.65
	Wm. T. Cox.....	.....do.....	229.30
	Richard P. Imes.....	.....do.....	134.95
	C. A. McCue.....	.....do.....	183.83
	Frank G. Miller.....	.....do.....	78.31
	H. E. Burke.....	.....do.....	48.00
	H. H. Chapman.....	.....do.....	49.60
	.....do.....	.....do.....	49.36
	R. E. Benedict.....	.....do.....	62.95
	Edw. S. Bryant.....	.....do.....	12.43
	C. O. Sparks.....	.....do.....	64.65
	A. W. Whetstone.....	.....do.....	7.27
	Walter K. Wilder.....	.....do.....	10.17
	.....do.....	.....do.....	6.00
	A. E. Owen.....	.....do.....	5.00
	C. H. Ray.....	Supplies.....	28.90
24	Harold F. Kempton.....	Traveling expenses.....	427.91
	Jno. Appleton.....	.....do.....	42.28
	Loren E. Hunt.....	.....do.....	55.20
	Flilbert Roth.....	.....do.....	101.90
	Smith Riley.....	.....do.....	80.57
	Wm. H. Mast.....	.....do.....	61.15
	Frank A. Clarke.....	.....do.....	124.43
	H. J. Tompkins.....	.....do.....	243.85
	W. A. Langille.....	.....do.....	225.72
	.....do.....	.....do.....	277.87
	J. S. Holmes.....	.....do.....	66.22
	.....do.....	.....do.....	4.75
	C. W. Edgerton.....	.....do.....	4.75
	Wm. C. Hodge, jr.....	Expenses.....	33.30
	Ernest N. Litts.....	Services, August.....	112.50
	.....do.....	Services, September.....	45.00
	Henry Lawrence.....	Services.....	30.00
	C. J. Murray.....	.....do.....	155.00
	Henry Longheue.....	Horse.....	37.50
	Barber & Ross.....	Screws, etc.....	8.02
	Queen & Co. (Incorporated).....	Photo supplies.....	5.25
	W. & L. E. Gurley.....	Compasses.....	273.60
	Emil Greiner.....	Glass graduates.....	.40
	Eimer & Amend.....	Supplies.....	12.30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 28	Robt. H. Allen.....	Traveling expenses.....	\$629.65
	W. H. B. Kent.....	do.....	136.20
	Ferris R. Miller.....	do.....	47.45
	Edwd. E. Carter.....	do.....	14.50
	H. K. Porter.....	do.....	131.70
	W. W. White.....	do.....	39.74
	W. J. Gardner.....	do.....	256.90
	Thos. H. Sherrard.....	do.....	13.85
	Library Bureau.....	Cases.....	58.50
	Jas. S. Topham.....	Trunk.....	15.50
	Lutz & Co.....	Cases.....	77.90
	Woodward & Lothrop.....	Desks, etc.....	169.11
	Remington Typewriter Co.....	Typewriter.....	92.25
	Geo. F. Muth & Co.....	Paints, etc.....	131.34
30	Geo. B. Sudworth et al.....	Salaries.....	4,166.01
	Total first quarter.....		2,6784.38
Oct. 1	G. E. Clement.....	Traveling expenses.....	188.95
	do.....	Services.....	97.80
2	C. S. Chapman.....	do.....	97.80
	E. T. Allen.....	do.....	146.80
	A. F. Potter.....	do.....	146.80
	W. A. Langille.....	do.....	146.80
	L. E. Hunt.....	do.....	163.00
	T. H. Sherrard.....	do.....	163.00
	H. D. Langille.....	do.....	163.40
	C. H. Hertz.....	do.....	183.40
	H. von Schrenk.....	do.....	203.80
	E. S. Bruce.....	do.....	203.80
	G. Alleman.....	do.....	60.00
	G. Griswold.....	do.....	26.09
	C. G. Barth.....	do.....	100.00
	R. P. Imes.....	do.....	165.80
	W. H. Kobbe.....	do.....	1.63
	R. L. Black.....	do.....	5.71
	G. J. Traugott.....	do.....	5.71
	O. T. Swan.....	do.....	8.15
	W. M. Drake.....	do.....	10.60
	W. K. Wilder.....	do.....	11.41
	S. J. Flutham.....	do.....	13.86
	J. S. Holmes.....	do.....	16.96
	H. W. Woodward.....	do.....	21.20
	F. G. Miller.....	do.....	21.74
	C. W. Crist.....	do.....	22.83
	H. B. Eastman.....	do.....	24.78
	G. B. Lull.....	do.....	28.70
	J. F. Baker.....	do.....	30.00
	F. J. Phillips.....	do.....	49.70
	E. A. Sterling.....	do.....	55.43
	F. Roth.....	do.....	91.71
	A. Whetstone.....	do.....	9.78
	F. H. McLaury.....	do.....	9.78
	T. L. Hoover.....	do.....	9.78
	H. R. Bristol.....	do.....	13.04
	H. W. Chittenden.....	do.....	13.04
	T. T. Munger.....	do.....	14.67
	L. Margolin.....	do.....	14.67
	R. E. Sheldon.....	do.....	14.67
	E. E. Carter.....	do.....	15.49
	F. D. Conden.....	do.....	15.49
	F. S. Kent.....	do.....	15.49
	R. W. Ayers.....	do.....	15.49
	H. D. Everett.....	do.....	15.49
	A. R. Powers.....	do.....	17.12
	C. Leavitt.....	do.....	17.12
	W. S. Brown.....	do.....	17.12
	A. C. Burrill.....	do.....	17.12
	M. Smith, jr.....	do.....	17.12
	S. Artiaga.....	do.....	17.93
	J. D. Warner.....	do.....	17.93
	F. B. H. Brown.....	do.....	17.93
	C. F. Karshner.....	do.....	17.93
	W. Bradfield.....	do.....	20.38
	W. J. Morrill.....	do.....	20.38
	J. M. Keeler, jr.....	do.....	20.38
	H. J. Brown.....	do.....	27.39
	A. C. Ringland.....	do.....	27.39
	J. Appleton.....	do.....	31.30

308 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 2	W. C. Martin.....	Services.....	\$31.30
	H. D. Hartley.....	do.....	31.30
	B. S. Viles.....	do.....	32.61
	M. A. Benedict.....	do.....	32.61
	J. D. Guthrie.....	do.....	39.20
	J. P. Wentling.....	do.....	39.20
	T. G. Phillips.....	do.....	39.20
	W. B. Howard.....	do.....	39.20
	R. V. R. Reynolds.....	do.....	39.20
	C. D. Mell.....	do.....	39.20
	A. O. Waha.....	do.....	39.20
	E. R. Hodgson.....	do.....	39.20
	J. M. Fetherolf.....	do.....	39.20
	F. R. Miller.....	do.....	39.20
	W. W. Cheever.....	do.....	39.20
	H. A. Paul.....	do.....	39.20
	J. C. Blumer.....	do.....	39.20
	S. P. Woolfolk.....	do.....	39.20
	W. T. Cox.....	do.....	49.00
	G. E. Tower.....	do.....	49.00
	J. E. Keach.....	do.....	49.00
	H. E. Burke.....	do.....	49.00
	F. Klarpp.....	do.....	49.00
	W. H. Mast.....	do.....	49.00
	C. A. Norton.....	do.....	49.00
	D. G. Kinney.....	do.....	49.00
	F. Tompkins.....	do.....	49.00
	C. M. Taylor.....	do.....	49.00
	Z. L. Bliss.....	do.....	49.00
	C. Feagan.....	do.....	49.00
	T. F. Borst.....	do.....	49.00
	J. H. Hallon.....	do.....	49.00
	A. E. Cohoon.....	do.....	58.80
	E. J. S. Moore.....	do.....	58.80
	J. W. Riggs.....	do.....	58.80
	W. I. Hutchinson.....	do.....	58.80
	R. S. Kellogg.....	do.....	58.80
	E. C. Miller.....	do.....	58.80
	J. W. Warren.....	do.....	58.80
	M. C. Jensen.....	do.....	58.80
	H. M. Suler.....	do.....	73.40
	R. G. Zou.....	do.....	73.40
	H. W. Newman.....	do.....	73.40
	W. R. McKinnon.....	do.....	73.40
	R. G. Giffin.....	do.....	73.40
	S. Riley.....	do.....	73.40
	G. Farley.....	do.....	73.40
	W. H. B. Kent.....	do.....	73.40
	F. A. Clarke.....	do.....	73.40
	J. G. Peters.....	do.....	81.60
	T. S. Woolsey, jr.....	do.....	81.60
	J. F. Clark.....	do.....	81.60
	E. A. Braniff.....	do.....	81.60
	H. K. Porter.....	do.....	81.60
	H. B. Kempton.....	do.....	81.60
	S. B. Detwiler.....	do.....	81.60
	A. F. Hawes.....	do.....	81.60
	W. J. Gardner.....	do.....	81.60
	J. B. Anderson.....	do.....	81.60
	T. P. Lukins.....	do.....	81.60
	R. L. Marston.....	do.....	81.60
	A. W. Cooper.....	do.....	81.60
	A. Akerman.....	do.....	62.50
	W. D. Sterritt.....	do.....	81.60
	F. W. Reed.....	do.....	97.80
	A. K. Chittenden.....	do.....	97.80
	E. M. Hamilton.....	do.....	97.80
	W. C. Hodge, jr.....	do.....	97.80
	E. A. Braniff.....	Traveling expenses.....	160.95
	Howard Laundry Co.....	Laundering.....	1.64
5	T. Balfour.....	Services, August.....	25.30
	do.....	Services, September.....	24.40
	G. H. Cecil.....	do.....	24.40
	W. L. Jepson.....	do.....	24.40
	H. B. Holroyd.....	do.....	24.40
	J. H. Bridges.....	do.....	24.40
	L. Krautter, jr.....	do.....	24.40
	A. S. Peck.....	do.....	24.40
	H. D. Scudder.....	do.....	24.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 5	R. B. Bartholomew.....	Services.....	\$24.40
	B. J. Teasdale.....	do.....	24.40
	M. Rothkugel.....	do.....	24.40
	J. F. Bond.....	do.....	24.40
	R. C. Hawley.....	do.....	24.40
	A. C. Weed.....	do.....	24.40
	W. G. Weigle.....	do.....	24.40
	P. W. Ayers.....	do.....	24.40
	W. B. Greeley.....	do.....	24.40
	C. D. Howe.....	do.....	24.40
	H. D. Foster.....	do.....	24.40
	P. B. Kelleter.....	do.....	24.40
	W. W. Everett.....	do.....	24.40
	P. G. Redington.....	do.....	24.40
	J. H. Ramskill.....	do.....	24.40
	J. A. Fitzwater.....	do.....	24.40
	J. E. Barton.....	do.....	24.40
	R. H. Allen.....	do.....	24.40
	E. G. Cheyney.....	do.....	24.40
	H. O. Tunis.....	do.....	24.40
	G. S. Cleland.....	do.....	24.40
	D. Rodman.....	do.....	24.40
	B. E. Babcock.....	do.....	24.40
	W. L. Potterfield.....	do.....	24.40
	E. R. Secrest.....	do.....	24.40
	J. E. Gow.....	do.....	24.40
	E. E. Adams.....	do.....	24.40
	E. A. Zeigler.....	do.....	24.40
	A. E. Oman.....	do.....	24.40
	C. W. Edgerton.....	do.....	24.40
	R. D. Craig.....	do.....	24.40
	J. W. Toumey.....	do.....	24.40
	E. E. Bogue.....	do.....	24.40
	E. S. Bryant.....	do.....	8.15
	F. W. Besley.....	do.....	31.30
	H. P. Baker.....	do.....	32.83
	S. N. Spring.....	do.....	37.07
6	W. B. Hadley.....	do.....	18.75
	C. Barry.....	do.....	26.09
	J. C. Gifford.....	do.....	146.80
	C. O. Sparks.....	do.....	49.00
	C. A. Scott.....	do.....	58.80
	W. R. Mattoon.....	do.....	13.86
	A. T. Boisen.....	do.....	13.86
	E. B. Wilson.....	do.....	81.60
	E. Koch.....	do.....	81.60
	W. R. Lazenby.....	do.....	24.40
	H. M. Hale.....	do.....	24.40
	F. Klarpp.....	Traveling expenses.....	90.17
	A. Akerman.....	Expenses.....	21.50
8	A. T. Searle.....	Services.....	22.01
9	J. C. Parker.....	Stationery.....	116.20
	C. Du Bois.....	Services.....	97.80
	H. O. Stabler.....	do.....	39.20
	H. A. Smith.....	do.....	21.00
	H. G. Merrill.....	do.....	28.70
	H. Davis.....	do.....	17.12
	H. D. Aller.....	do.....	24.40
	H. J. Tompkins.....	do.....	114.20
10	H. Grinnell.....	Traveling expenses.....	278.15
	Bishop Art Co.....	Photo supplies.....	41.05
	Jas. B. Lambie Co.....	Beltling.....	15.36
	Delano & Moore.....	Hydrometer.....	71.74
	Wm. Brown.....	Drayage.....	2.00
	do.....	do.....	2.00
	Rudolph, West & Co.....	Hardware.....	9.02
	Post-Office Department.....	Maps.....	28.80
12	D. Frank Parker.....	Ink.....	6.75
	Hugh Reilly.....	Shellac.....	.95
	Lamb & Tilden.....	Dater.....	3.00
	Lutz & Co.....	Leather seat.....	10.00
	R. C. M. Burton & Son.....	Awning.....	2.80
	M. Du Perow.....	Lamps.....	6.61
	do.....	Electric supplies.....	9.30
	S. P. Johnson.....	Repairs to typewriter.....	.50
	do.....	do.....	.50
	Fred. A. Schmidt.....	Drawing materials.....	17.80
	E. Morrison Paper Co.....	Sheet holders.....	16.70
	Potomac Electric Power Co.....	Electric supplies.....	1.07

310 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 12	W. L. King.....	Felt.....	\$4.00
	D. N. Walford.....	Odometer.....	4.00
	The Maurice Joyce Engraving Co.....	Die.....	.75
	Ed. J. Hannan.....	Photo equipment.....	4.70
	Capital Traction Co.....	Tickets.....	10.00
	E. Carter Ballantyne.....	Stationery.....	12.80
	C. A. Schneider Sons.....	Cast-iron plate.....	4.50
	The Chesapeake and Potomac Telephone Co.....	Moving switchboard.....	3.50
	Harvard Laundry Co.....	Laundrying towels.....	1.83
13	E. R. Secrest.....	Traveling expenses.....	27.87
	R. G. Zou.....	do.....	80.92
14	do.....	do.....	43.30
16	The De Forest & Hotchkiss Co.....	Lumber.....	33.68
	E. G. Cheyney.....	Traveling expenses.....	25.05
	J. H. Ramskill.....	do.....	67.55
	W. W. Cheever.....	do.....	17.10
	Martha Sneed.....	Services.....	6.00
17	P. O. Department.....	Maps.....	23.20
	W. K. Hatt.....	Traveling expenses.....	71.68
19	W. L. Hall.....	Services.....	163.00
	R. T. Fisher.....	do.....	68.48
	F. Murphy.....	do.....	29.37
	J. N. Bovee.....	do.....	29.37
	F. Thornton.....	do.....	30.00
	L. Margolin.....	Traveling expenses.....	31.75
	H. B. Holroyd.....	do.....	13.50
	J. B. Jones.....	do.....	43.75
	E. E. Bogue.....	do.....	48.96
	W. M. Drake.....	do.....	16.55
	F. D. Conden.....	do.....	25.85
	H. D. Langille.....	do.....	109.95
	G. Griswold.....	do.....	25.68
	R. F. Nash.....	do.....	25.70
	H. G. Merrill.....	do.....	66.08
	R. L. Black.....	do.....	24.49
	W. S. Brown.....	do.....	40.77
	R. E. Shelden.....	do.....	31.75
	M. A. Benedict.....	do.....	75.05
	H. D. Tiemann.....	do.....	15.85
	B. S. Viles.....	do.....	217.15
	A. C. Burrill.....	do.....	13.85
	R. V. R. Reynolds.....	Expenses.....	3.00
	C. A. Scott.....	Traveling expenses.....	54.78
	F. W. Besley.....	do.....	27.65
	G. B. Lull.....	do.....	42.66
	E. A. Sterling.....	do.....	53.00
	J. B. Wentling.....	do.....	145.50
	H. B. Eastman.....	do.....	59.23
	A. O. Waha.....	do.....	2.79
	A. E. Cohoon.....	do.....	93.23
	A. F. Hawes.....	do.....	35.80
	S. D. Kelleter.....	do.....	61.20
	C. S. Chapman.....	do.....	28.72
	S. J. Flintham.....	do.....	30.18
	C. O. Sparks.....	do.....	30.25
	A. T. Searle.....	do.....	41.75
	B. S. Viles.....	do.....	120.70
	W. J. Gardner.....	do.....	15.25
	C. W. Crist.....	do.....	36.23
	E. Koch.....	do.....	72.75
	E. T. Allen.....	do.....	142.35
	A. S. Peck.....	do.....	18.00
	E. S. Bruce.....	do.....	425.29
	W. B. Howard.....	do.....	27.22
	F. Tompkins.....	do.....	193.00
	R. G. Giffin.....	do.....	18.50
	H. W. Newman.....	do.....	51.85
	H. P. Baker.....	do.....	150.25
	H. N. Whitford.....	do.....	15.00
	S. B. Detwiler.....	do.....	114.24
	C. M. Taylor.....	do.....	82.84
	G. L. Clothier.....	do.....	42.98
	R. P. Imes.....	do.....	94.25
	A. T. Potter.....	do.....	152.30
	H. H. Chapman.....	do.....	7.35
	C. D. Howe.....	do.....	61.92
	W. R. McKinnon.....	do.....	20.00
	H. J. Tompkins.....	do.....	146.55
	F. E. Olmsted.....	do.....	147.37

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 21	T. P. Lukins	Expenses	\$273.62
	do.	Traveling expenses	461.19
	M. C. Jensen	do.	58.86
	J. F. Baker	do.	76.79
	C. Du Bois	do.	203.07
	R. T. Fisher	do.	38.58
	C. Feagan	do.	72.20
	A. D. Hopkins	do.	84.51
	E. J. S. Moore	do.	91.30
	S. Riley	do.	95.80
	J. M. Fetherolf	do.	52.21
	J. H. Hatton	do.	139.97
	J. E. Barton	do.	9.20
	R. E. Benedict	do.	211.25
	W. H. Mast	do.	98.35
	M. Smith, jr.	do.	56.22
	E. E. Carter	do.	34.30
	F. Roth	do.	33.02
	P. G. Redington	do.	13.60
	S. N. Spring	do.	108.87
	A. B. Patterson	do.	16.65
	R. W. Malloon	do.	33.60
	A. G. Varela	do.	86.05
	H. B. Kempton	do.	196.48
	A. B. Patterson	Services	26.85
	E. G. Hunter	do.	17.61
	Eimer & Amend	Hygrometers	39.70
	Malinckrodt Chemical Works	Chemicals	67.60
22	Whitall Tatum Co	Bottles	7.45
	Geo. H. Fuller Desk Co.	Desk and chair	53.00
23	J. H. Bunnell & Co.	Key sockets	1.95
	C. S. Jenkins	Map rack	55.00
	Sturtevant & Greely	Washstand	5.00
	J. T. Thomson	Services	45.00
	E. E. Cleveland Furniture Co.	Furniture	91.57
	The H. & W. B. Drew Co.	Filing cabinet	45.00
	Abercrombie & Fitch	Heaters	9.00
	Z. F. Moody	Pasturing horse	15.00
	R. M. Follows	Horse hire	34.60
	W. Shoemaker	Services	32.00
	C. G. Smith	do.	24.40
24	H. S. Betts	Traveling expenses	6.45
	E. R. Hodson	do.	86.24
	A. Gaskill	do.	326.15
	W. T. Cox	do.	156.89
	F. W. Reed	do.	56.05
	H. A. Paul	do.	91.60
	W. H. Kobbi	do.	20.40
	W. J. Gardner	do.	211.24
	J. E. Gow	do.	3.00
	W. L. Potterfield	do.	49.08
	W. O. Langille	do.	235.61
	C. A. McCue	do.	58.78
	C. D. Mell	do.	49.80
	H. B. Hadley	do.	50.05
	H. W. Newman	do.	81.50
26	R. L. Marston	do.	209.84
	H. O. Stabler	do.	171.50
	J. H. Bridges	do.	110.93
	G. Alleman	do.	114.50
	Z. L. Bliss	do.	142.70
	H. O. Tunis	do.	22.55
	F. A. Clarke	do.	147.15
	H. M. Sutter	do.	9.50
	H. & W. B. Drew Co.	Typewriter desk	27.50
27	W. L. Hall	Traveling expenses, August	120.48
	do.	Traveling expenses, September	113.80
	do.	Traveling expenses, October	99.90
	W. R. Ayers	Traveling expenses	32.50
	H. D. Hartley	do.	10.38
	J. W. Warren	do.	104.45
	E. A. Braniff	do.	152.30
	C. G. Crawford	do.	14.95
	G. E. Tower	do.	173.20
	Erker Bros. Optical Co.	Photo. supplies	48.00
29	H. E. Burke	Traveling expenses	62.00
	H. D. Hartley	do.	31.59
31	Pere Marquette R. R. Co.	Passenger transportation	34.68
	Lehigh Valley R. R. Co.	do.	140.10

312 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 31	Baltimore and Ohio R. R. Co.....	Passenger transportation.....	\$246.89
	Santa Fe, Prescott and Phoenix Rwy. Co.....	do.....	8.20
	do.....	do.....	9.40
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	7.70
	The Pullman Co.....	do.....	16.50
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	do.....	5.20
	Grand Trunk Rwy. Co.....	do.....	11.66
	Chicago and Northwestern Rwy. Co.....	do.....	41.25
	Cleveland, Cincinnati and St. Louis Rwy. Co.....	do.....	82.34
	The Lake Shore and Michigan Southern Rwy. Co.....	do.....	54.50
	The Oregon R. R. and Navigation Co.....	do.....	22.60
	do.....	do.....	31.05
	Denver and Rio Grande R. R. Co.....	do.....	71.60
	do.....	do.....	65.65
	New York, New Haven and Hartford R. R. Co.....	do.....	19.90
	New York Central and Hudson River R. R. Co.....	do.....	22.69
	Michigan Central R. R. Co.....	do.....	40.18
	do.....	do.....	3.59
	Burlington and Missouri River R. R. Co.....	do.....	107.50
	do.....	do.....	84.39
	Pennsylvania R. R. Co.....	do.....	23.77
	do.....	do.....	56.32
	Oregon Short Line R. R. Co.....	do.....	17.40
	do.....	do.....	14.15
	do.....	do.....	87.00
	Illinois Central R. R. Co.....	do.....	7.50
	St. Louis and San Francisco R. R. Co.....	do.....	8.30
	Great Northern R. R. Co.....	do.....	136.62
	Union Pacific R. R. Co.....	do.....	37.71
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	15.80
	Boston and Maine R. R. Co.....	do.....	13.48
	Northern Pacific Rwy. Co.....	do.....	27.30
	Seaboard Air Line Rwy. Co.....	do.....	4.24
	The Chicago, Burlington and Quincy R. R. Co.....	do.....	12.50
	Norfolk and Washington, D. C., Steamboat.....	do.....	4.00
	Georgia Southern and Florida Rwy. Co.....	do.....	4.35
	Maine Central R. R. Co.....	do.....	4.00
	Chicago, Indianapolis and Louisville Rwy. Co.....	do.....	8.00
	Baltimore, Chesapeake and Atlantic Rwy. Co.....	do.....	11.10
	Southern Rwy. Co.....	do.....	37.05
	do.....	do.....	23.00
	Boston and Maine R. R. Co.....	do.....	23.32
	Northern Pacific Rwy. Co.....	do.....	31.30
	G. B. Sudworth et al.....	Salaries.....	4,388.21
Nov. 2	E. A. Braniff.....	Services.....	84.20
	A. W. Cooper.....	do.....	84.20
	J. F. Clark.....	do.....	84.20
	S. B. Detwiler.....	do.....	84.20
	J. B. Anderson.....	do.....	84.20
	W. J. Gardner.....	do.....	84.20
	A. F. Hawes.....	do.....	84.20
	R. P. Imes.....	do.....	84.20
	T. P. Lukins.....	do.....	84.20
	J. G. Peters.....	do.....	84.20
	H. K. Porter.....	do.....	84.20
	W. D. Sterrett.....	do.....	84.20
	R. B. Wilson.....	do.....	84.20
	T. S. Woolsey, jr.....	do.....	84.20
	A. F. Potter.....	do.....	151.60
	W. A. Langille.....	do.....	151.60
	J. C. Gifford.....	do.....	151.60
	E. T. Allen.....	do.....	151.60
	T. H. Sherrard.....	do.....	168.50
	L. E. Hunt.....	do.....	168.50
	W. L. Hall.....	do.....	168.50
	H. von Schrenk.....	do.....	210.60
	E. S. Bruce.....	do.....	210.60
	C. S. Chapman.....	do.....	101.10
	E. M. Griffith.....	do.....	156.49
	C. S. Chapman.....	Traveling expenses.....	71.97
3	G. Alleman.....	Services.....	60.00
	R. B. Bartholomew.....	do.....	7.34
	W. Burbridge.....	do.....	16.30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Nov. 3	R. E. Benedict.....	Services.....	\$119.40
	M. W. Ely.....	do.....	26.90
	E. B. Foulks.....	do.....	39.13
	J. M. Fetherolf.....	do.....	22.17
	W. B. Greeley.....	do.....	.82
	R. C. Hawley.....	do.....	5.71
	C. H. Herty.....	do.....	189.55
	D. G. Kinney.....	do.....	11.41
	J. T. Moses.....	do.....	16.30
	A. H. Pearson.....	do.....	10.60
	R. V. R. Reynolds.....	do.....	36.52
	S. Tompkins.....	do.....	32.61
	P. G. Redington.....	do.....	2.45
	W. G. Weigle.....	do.....	2.45
	W. J. Ward.....	do.....	16.30
	A. C. Weed.....	do.....	7.34
	L. L. White.....	do.....	49.70
	E. E. Adams.....	do.....	25.30
	H. D. Allen.....	do.....	25.30
	P. W. Ayres.....	do.....	25.30
	R. H. Allen.....	do.....	25.30
	J. F. Bond.....	do.....	25.30
	B. E. Babcock.....	do.....	25.30
	E. E. Bogue.....	do.....	25.30
	T. Balfour.....	do.....	25.30
	J. E. Barton.....	do.....	25.30
	G. H. Cecil.....	do.....	25.30
	E. G. Cheyney.....	do.....	25.30
	G. S. Cleland.....	do.....	25.30
	C. W. Edgerton.....	do.....	25.30
	J. E. Gow.....	do.....	25.30
	H. M. Hale.....	do.....	25.30
	H. B. Holroyd.....	do.....	25.30
	C. D. Howe.....	do.....	25.30
	W. L. Jepson.....	do.....	25.30
	L. Krautter, jr.....	do.....	25.30
	C. A. Norton.....	do.....	25.30
	A. E. Oman.....	do.....	25.30
	A. S. Peck.....	do.....	25.30
	F. J. Phillips.....	do.....	25.30
	W. L. Porterfield.....	do.....	25.30
	M. Rothkugel.....	do.....	25.30
	D. Rodman.....	do.....	25.30
	J. H. Ramskill.....	do.....	25.30
	H. D. Scudder.....	do.....	25.30
	E. R. Secrest.....	do.....	25.30
	C. H. Sellers.....	do.....	25.30
	H. O. Tunis.....	do.....	25.30
	J. H. Toumey.....	do.....	25.30
	B. J. Teasdall.....	do.....	25.30
	G. J. Traugott.....	do.....	25.30
	E. A. Ziegler.....	do.....	25.30
	J. C. Blumer.....	do.....	40.40
	W. W. Cheever.....	do.....	40.40
	J. D. Guthrie.....	do.....	40.40
	W. B. Howard.....	do.....	40.40
	F. R. Miller.....	do.....	40.40
	T. G. Phillips.....	do.....	40.40
	H. A. Paul.....	do.....	40.40
	H. O. Stabler.....	do.....	40.40
	S. P. Woolfolk.....	do.....	40.40
	J. P. Wentling.....	do.....	40.40
	A. O. Waha.....	do.....	40.40
	H. E. Burke.....	do.....	50.50
	Z. L. Bliss.....	do.....	50.50
	T. F. Borst.....	do.....	50.50
	C. Barry.....	do.....	50.50
	W. T. Cox.....	do.....	50.50
	C. Feagan.....	do.....	50.50
	G. Griswold.....	do.....	50.50
	J. H. Hatton.....	do.....	50.50
	F. Klarpp.....	do.....	50.50
	J. E. Keach.....	do.....	50.50
	W. H. Mast.....	do.....	50.50
	C. O. Sparks.....	do.....	50.50
	C. M. Taylor.....	do.....	50.50
	G. E. Tower.....	do.....	50.50
	F. Tompkins.....	do.....	50.50
	A. E. Cohoon.....	do.....	60.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 3	H. D. Hartley	Services	\$60.60
	W. I. Hutchinson	do	60.60
	M. C. Jensen	do	60.60
	R. S. Kellogg	do	60.60
	L. C. Miller	do	60.60
	E. J. S. Moore	do	60.60
	J. W. Riggs	do	60.60
	C. A. Scott	do	60.60
	J. W. Warren	do	60.60
	A. K. Chittenden	do	101.10
	G. E. Clement	do	101.10
	R. T. Fisher	do	101.10
	E. M. Hamilton	do	101.10
	W. C. Hodge, jr.	do	101.10
	F. W. Reed	do	101.10
	E. A. Sterling	do	101.10
	R. G. Zou	do	75.80
	S. Riley	do	75.80
	H. W. Newman	do	75.80
	W. R. McKinnon	do	75.80
	W. H. B. Kent	do	75.80
	R. G. Giffin	do	75.80
	G. Farley	do	75.80
	F. A. Clarke	do	75.80
4	E. G. Hunter	do	7.83
	E. R. Hodson	do	40.40
	C. DuBois	do	101.10
	E. A. Braniff	Traveling expenses	132.49
	H. Grinnell	do	67.40
	J. Woerner, jr.	Tires	8.00
5	Howard Laundry Co.	Laundering towels	2.23
	H. J. Tompkins	Services	117.90
	E. T. Greene	do	29.35
	W. W. Everett	do	25.30
	R. D. Craig	do	25.30
	C. H. Herty	Traveling expenses	187.12
	T. F. Borst	do	92.73
	J. F. Bond	do	6.65
	J. C. Gifford	do	400.48
6	C. Du Bois	do	150.04
	A. O. Waha	do	2.29
7	G. L. Clothier	do	66.58
	W. B. Howard	do	97.32
9	W. F. Hubbard	do	70.70
	W. C. Martin	Services	33.00
	W. R. Lazenby	do	25.30
10	J. F. Bond	Traveling expenses	17.67
	do	do	19.11
	E. R. Hodson	do	43.25
11	G. E. Clement	do	167.58
13	A. D. Hopkins	do	109.96
	H. D. Burrall	do	20.10
	S. Riley	do	141.10
	do	do	44.95
	H. A. Smith	do	17.55
	do	Services	56.00
	Church & Stephenson	Lumber	48.40
	Barber & Ross	Shears, etc.	12.60
	M. Du Perow	Electric supplies	37.43
	W. G. Johnston & Co.	Ledgers and leaves	33.00
	R. P. Andrews & Co. (Incorporated)	Paste, etc.	14.23
	M. G. Copeland Co.	Flags and repairs	12.63
	Lutz & Co.	Camera cases	7.50
	Herman Baumgarten	Sign marker	5.50
	The J. C. Ergood Co.	Soap	2.50
	The Maurice Joyce Engraving Co.	Dies	1.75
14	W. F. Hubbard	Traveling expenses	112.43
16	A. E. Cohoon	do	79.85
	W. F. Fiske	do	57.83
	do	do	119.01
	F. Tompkins	do	389.60
	C. H. Herty	do	240.55
	E. M. Griffith	do	198.60
	G. Alleman	do	156.14
	M. C. Jensen	do	67.77
17	W. H. B. Kent	do	150.11
	J. Appleton	do	92.13
	R. F. Nash	Services	17.93
	E. S. Bruce	Traveling expenses	221.79

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 17	R. G. Giffin.....	Traveling expenses.....	\$165.50
	E. Koch.....	Services.....	84.20
	E. T. Greene.....	Traveling expenses.....	58.74
	F. E. Olmsted.....	.....do.....	147.60
18	C. A. McCue.....	.....do.....	94.41
	L. E. Hunt.....	.....do.....	81.05
	H. D. Aller.....	.....do.....	48.30
	B. E. Babcock.....	.....do.....	60.85
	C. L. Hill, administrator.....	.....do.....	80.47
	.....do.....	Services.....	78.29
	T. P. Lukins.....	Traveling expenses.....	635.85
	W. H. Mast.....	.....do.....	307.30
	W. J. Gardner.....	.....do.....	228.83
	S. B. Detwiler.....	.....do.....	212.45
	C. A. Scott.....	.....do.....	168.40
	E. J. S. Moore.....	.....do.....	107.38
	J. W. Warren.....	.....do.....	90.12
	A. W. Cooper.....	.....do.....	69.88
	S. Tompkins.....	.....do.....	55.80
	R. F. Fisher.....	.....do.....	55.19
	E. B. Fuls.....	.....do.....	46.70
	E. R. Seerest.....	.....do.....	44.53
	W. K. Hatt.....	.....do.....	38.40
	W. R. McKinnon.....	.....do.....	17.00
	J. E. Gow.....	.....do.....	12.20
	W. I. Ward.....	.....do.....	6.86
	W. Baxter.....	Services.....	78.75
	Henry Driml.....	.....do.....	45.50
	W. A. Hanmann.....	.....do.....	33.75
	L. N. Bovee.....	.....do.....	23.69
	Post-Office Department.....	Maps.....	8.00
	P. F. Little.....	Labor.....	114.75
19	J. W. Tourney.....	Traveling expenses.....	122.44
	R. E. Benedict.....	.....do.....	221.15
	J. H. Hatton.....	.....do.....	156.78
	Z. L. Bliss.....	.....do.....	85.19
	J. P. Wentling.....	.....do.....	43.52
	H. D. Scudder.....	.....do.....	25.40
	W. W. Cheever.....	.....do.....	21.80
	W. T. Cox.....	.....do.....	9.33
	G. S. Cleland.....	.....do.....	2.40
	T. S. Woolsey, jr.....	.....do.....	51.30
	Geo. Griswold.....	Services.....	24.46
20	G. B. Sudworth.....	Traveling expenses.....	437.58
	F. Thornton.....	Services.....	23.75
	Amberg File and Index Co.....	File case.....	90.40
	.....do.....	.....do.....	60.00
	W. J. Woods.....	Glue, etc.....	36.90
	J. W. Fawcett.....	Shades.....	3.55
	W. E. Stockett & Co.....	Portfolios.....	2.70
	Jno. Underwood & Co.....	Record ribbons.....	2.25
21	Thos. Balfour.....	Traveling expenses.....	242.15
	L. E. Hunt.....	.....do.....	119.85
	C. S. Chapman.....	.....do.....	111.60
	E. M. Griffith.....	.....do.....	82.10
	H. S. Graves.....	.....do.....	20.70
	H. J. Tompkins.....	.....do.....	16.90
	H. K. Porter.....	.....do.....	12.85
	Amos Shambaugh.....	Services.....	45.00
	The Chesapeake and Potomac Telephone Co.....	Telephone service.....	86.50
	Washington Gaslight Co.....	Gas.....	.20
	W. H. Rupp Co.....	Pen racks, etc.....	13.30
	.....do.....	Notebooks.....	1.50
	Woodruff Manufacturing Co.....	File case.....	45.00
	.....do.....	Card index case.....	13.00
	A. Driml.....	Hay.....	111.90
23	J. H. Bunnell & Co.....	Electric supplies.....	9.84
	C. P. Goerz.....	Field glasses.....	266.00
	Michael Johnson.....	Traveling expenses.....	25.90
	W. & L. E. Gurley.....	Wooden callipers, etc.....	63.00
24	H. A. Paul.....	Traveling expenses.....	94.05
	H. E. Burke.....	.....do.....	44.15
25	C. O. Sparks.....	.....do.....	38.00
	E. A. Ziegler.....	.....do.....	21.10
	A. S. Peck.....	.....do.....	12.15
	A. O. Waha.....	.....do.....	2.40
30	A. W. Cooper.....	Services.....	81.60
	J. G. Peters.....	.....do.....	81.60
	W. D. Sterrett.....	.....do.....	81.60

316 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 30	J. E. Keach.....	Services.....	\$49.00
	E. R. Hodson.....	do.....	39.20
	J. H. Ramskill.....	do.....	31.80
	J. F. Bond.....	do.....	24.40
	H. D. Burrall.....	do.....	24.40
	E. G. Cheyney.....	do.....	24.40
	G. H. Cecil.....	do.....	24.40
	A. H. Pierson.....	do.....	24.40
	B. J. Teasdale.....	do.....	24.40
	W. G. Durbin.....	do.....	15.65
	A. W. Cooper.....	Traveling expenses.....	61.90
	G. B. Sudworth et al.....	Salaries.....	4,391.78
Dec. 1	W. K. Hatt.....	Services.....	183.40
	C. H. Herty.....	do.....	183.40
	L. E. Hunt.....	do.....	163.00
	T. H. Sherrard.....	do.....	163.00
	E. T. Allen.....	do.....	146.80
	J. C. Gifford.....	do.....	146.80
	E. M. Griffith.....	do.....	146.80
	W. A. Langille.....	do.....	146.80
	A. F. Potter.....	do.....	146.80
	A. K. Chittenden.....	do.....	97.80
	C. S. Chapman.....	do.....	97.80
	G. E. Clement.....	do.....	97.80
	Coert Du Boise.....	do.....	97.80
	R. T. Fisher.....	do.....	97.80
	W. C. Hodge, jr.....	do.....	97.80
	Geo. E. Marshall.....	do.....	97.80
	F. W. Reed.....	do.....	97.80
	E. A. Sterling.....	do.....	97.80
	E. A. Braniff.....	do.....	81.60
	G. L. Clothier.....	do.....	81.60
	J. F. Clark.....	do.....	81.60
	W. J. Gardner.....	do.....	81.60
	A. F. Hawes.....	do.....	81.60
	Elers Koch.....	do.....	81.60
	T. P. Lukins.....	do.....	81.60
	L. C. Miller.....	do.....	81.60
	H. K. Porter.....	do.....	81.60
	T. S. Woolsey, jr.....	do.....	81.60
	Mark Burns.....	do.....	73.40
	F. A. Clarke.....	do.....	73.40
	M. W. Ely.....	do.....	73.40
	Geo. Farley.....	do.....	73.40
	R. G. Giffin.....	do.....	73.40
	W. H. B. Kent.....	do.....	73.40
	W. R. McKinnon.....	do.....	73.40
	Smith Riley.....	do.....	73.40
	R. G. Zon.....	do.....	73.40
	R. E. Benedict.....	do.....	58.80
	A. E. Cohoon.....	do.....	58.80
	E. B. Foulks.....	do.....	58.80
	H. D. Hartley.....	do.....	58.80
	W. I. Hutchinson.....	do.....	58.80
	M. C. Jensen.....	do.....	58.80
	R. S. Kellogg.....	do.....	58.80
	E. J. S. Moore.....	do.....	58.80
	J. W. Riggs.....	do.....	58.80
	C. A. Scott.....	do.....	58.80
	J. W. Warren.....	do.....	58.80
	Cornelius Barry.....	do.....	49.90
	T. F. Borst.....	do.....	49.90
	Z. L. Bliss.....	do.....	49.90
	H. G. Burke.....	do.....	49.90
	W. T. Cox.....	do.....	49.90
	C. Feagan.....	do.....	49.90
	E. T. Greene.....	do.....	49.90
	J. H. Hatton.....	do.....	49.90
	Frank Klarpp.....	do.....	49.90
	W. H. Mast.....	do.....	49.90
	C. O. Sparks.....	do.....	49.00
	Frank Tompkins.....	do.....	49.00
	Sidney Tompkins.....	do.....	49.00
	G. E. Tower.....	do.....	49.00
	J. C. Blumer.....	do.....	39.20
	J. D. Guthrie.....	do.....	39.20
	W. B. Howard.....	do.....	39.20
	F. R. Miller.....	do.....	39.20
	T. G. Phillips.....	do.....	39.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec 1	H. A. Paul.....	Services.....	\$39.20
	S. P. Woolfolk.....	do.....	39.20
	A. O. Waha.....	do.....	39.20
	J. P. Wentling.....	do.....	39.20
	H. D. Scudder.....	do.....	31.80
	E. A. Ziegler.....	do.....	31.80
	P. W. Ayres.....	do.....	24.40
	R. H. Allen.....	do.....	24.40
	H. D. Aller.....	do.....	24.40
	E. E. Adams.....	do.....	24.40
	W. Burbridge.....	do.....	24.40
	E. E. Bogue.....	do.....	24.40
	B. E. Babcock.....	do.....	24.40
	Thos. Balfour.....	do.....	24.40
	G. S. Cleland.....	do.....	24.40
	C. W. Edgerton.....	do.....	24.40
	W. W. Everett.....	do.....	24.40
	H. M. Hale.....	do.....	24.40
	C. D. Howe.....	do.....	24.40
	W. L. Jepson.....	do.....	24.40
	Louis Krautter, jr.....	do.....	24.40
	C. A. Norton.....	do.....	24.40
	F. J. Phillips.....	do.....	24.40
	A. S. Peck.....	do.....	24.40
	W. L. Porterfield.....	do.....	24.40
	Max. Rothkugel.....	do.....	24.40
	C. H. Sellers.....	do.....	24.40
	E. R. Secrist.....	do.....	24.40
	H. O. Tunis.....	do.....	24.40
	J. W. Toumey.....	do.....	24.40
	W. J. Ward.....	do.....	24.40
	L. L. White.....	do.....	24.40
	G. Alleman.....	do.....	60.00
	E. S. Bruce.....	do.....	203.80
	W. W. Cheever.....	do.....	26.09
	S. B. Detwiler.....	do.....	54.55
	H. J. Holsinger.....	do.....	295.40
	Michael Johnson.....	do.....	30.98
	H. J. Tompkins.....	do.....	114.20
	R. B. Wilson.....	do.....	51.63
	Z. D. Gilman.....	Chemicals.....	43.52
	Woodward & Lothrop.....	Desks, etc.....	205.77
	Remington Typewriter Co.....	Typewriter, etc.....	113.25
	District of Columbia Paper Manufacturing Co.....	Blotting paper.....	7.74
	Rudolph, West & Co.....	Sand paper, etc.....	7.19
	J. B. Lambie Co.....	Leather belting, etc.....	22.19
	National Electric Supply Co.....	Electric supplies.....	2.40
	Delano & Moore.....	Photo supplies.....	139.44
	Francis Miller.....	Oil, etc.....	9.55
	Lamb & Tilden.....	Bronzing ink.....	1.50
	do.....	Numbering machine.....	13.12
	do.....	Repairs to machine.....	.75
	W. J. Zeh.....	Coal.....	12.50
	M. Du Perow.....	Electric supplies.....	15.56
	do.....	do.....	13.44
	do.....	do.....	6.25
	Hugh Reilly.....	Shellac, etc.....	5.30
	do.....	Varnish stain.....	.48
2	Holmes & Co.....	Rubber gloves.....	3.75
	W. E. Stockett & Co.....	Fasteners.....	2.20
	J. G. Smith.....	Penholders.....	4.68
	D. E. Burton.....	Ax handles.....	9.60
	Lutz & Co.....	Camera case, etc.....	7.00
	Jas. Nicholson & Sons.....	Canvas.....	8.00
	W. & L. E. Gurley.....	Compass.....	3.50
	Keuffel & Esser.....	Calipers, etc.....	18.87
	Manhattan Electric Supply Co.....	Insulators.....	.14
	Cox Seed Co.....	Seeds.....	4.75
	J. H. Bunnell & Co.....	Electric supplies.....	2.40
	M. G. Copeland Co.....	Tarpaulin.....	3.75
	R. P. Andrews & Co. (Incorporated).....	Clips.....	7.99
	D. Richenbacher.....	Repairs to clock.....	2.00
	Wm. Brown.....	Labor.....	2.00
	Geo. E. Corbett.....	Photo glass.....	8.75
3	J. R. Collins.....	Bags.....	4.00
4	H. B. Kempton.....	Traveling expenses.....	282.05
	Alfred Gaskill.....	do.....	339.70
	A. E. Cohoon.....	do.....	69.75
	do.....	do.....	83.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 4	C. Feagan.....	Traveling expenses.....	\$72.75
	E. T. Allen.....	do.....	13.85
	E. S. Bruce.....	do.....	69.07
	R. G. Giffin.....	do.....	23.50
	E. T. Greene.....	do.....	74.06
	W. B. Howard.....	do.....	116.24
	Elers Koch.....	do.....	70.20
	A. F. Potter.....	do.....	95.00
	W. L. Porterfield.....	do.....	23.37
	R. G. Zon.....	do.....	11.14
	H. B. Halroyd.....	Service.....	24.40
	Douglas Rodman.....	do.....	24.40
	G. J. Tangott.....	do.....	24.40
5	J. E. Burton.....	do.....	24.40
	J. E. Gow.....	do.....	24.40
	W. R. Lozenby.....	do.....	24.40
	W. C. Martin.....	do.....	24.00
	Blanche Newman.....	do.....	1.63
	H. von Schrenk.....	do.....	203.80
	W. H. B. Kent.....	Traveling expenses.....	180.22
	F. L. Nichols.....	Machine, etc.....	216.50
	S. Kann Sons & Co.....	Cloths.....	9.30
	R. B. Merchant, Post-Office Department.....	Maps.....	3.20
7	G. E. Marshall.....	Traveling expenses.....	229.03
8	J. W. Riggs.....	do.....	37.02
	R. S. Hosmer.....	do.....	109.25
	J. W. Warren.....	do.....	92.73
	R. T. Fisher.....	do.....	77.30
	G. L. Clothier.....	do.....	70.59
	H. O. Tunis.....	do.....	26.95
	Z. L. Bliss.....	do.....	19.33
	Atlantic Coast Line R. R. Co.....	Passenger transportation.....	30.45
	Southern Rwy. Co.....	do.....	106.20
	do.....	do.....	27.25
	do.....	do.....	113.65
	do.....	do.....	22.20
	do.....	do.....	21.65
	California Northwestern Rwy. Co.....	do.....	22.00
	Astoria and Colorado River R. R. Co.....	do.....	9.60
	Atlantic, Knoxville and Northern Rwy. Co.....	do.....	6.75
	Southern California Rwy. Co.....	do.....	71.80
10	H. S. Davis.....	Machines.....	265.50
	R. P. Ines.....	Services.....	81.60
	H. A. Smith.....	do.....	63.00
	J. K. Bishop.....	Dises.....	27.54
	Wm. Brown.....	Hauling.....	2.00
	The J. C. Ergood Co.....	Lye, etc.....	5.35
	Howard Laundry Co.....	Laundering towels.....	2.97
	Francis Miller.....	Turpentine.....	1.10
	J. C. Parker.....	Paper, etc.....	91.66
	D. F. Parker.....	do.....	9.60
11	W. B. Moses & Sons.....	Typewriter chairs.....	97.48
	E. Morrison Paper Co.....	Paper.....	32.00
	The G. W. Knox Express Co.....	Transportation.....	24.95
	do.....	do.....	7.86
	do.....	do.....	6.18
	United States Express Co.....	do.....	82.65
	do.....	do.....	36.72
	do.....	do.....	22.18
	R. C. Ballantyne.....	Pens.....	21.65
12	G. E. Clement.....	Traveling expenses.....	50.40
	S. B. Detwiler.....	do.....	179.94
	C. W. Edgerton.....	do.....	48.00
	Alfred Gaskill.....	do.....	157.85
	E. T. Greene.....	do.....	7.50
	C. D. Howe.....	do.....	4.10
	A. F. Hawes.....	do.....	60.96
	H. B. Holroyd.....	do.....	24.45
	C. H. Herty.....	do.....	158.69
	J. H. Hutton.....	do.....	74.15
	do.....	do.....	33.55
	M. C. Jensen.....	do.....	61.50
	E. J. S. Moore.....	do.....	7.89
	Gifford Pinchot.....	do.....	1,030.19
	H. A. Smith.....	do.....	20.70
	Frank Tompkins.....	do.....	280.00
	Sidney Tompkins.....	do.....	80.55
	A. O. Waha.....	do.....	2.88
14	J. C. Gifford.....	do.....	13.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 14	W. A. Langille.	Traveling expenses.	\$34.75
	American Woodworking Machine Co.	Saw.	4.88
	Emil Estenson.	Cones.	38.40
	Woodward & Lothrop.	Soap, etc.	167.41
	A. C. Rowe.	Fire extinguishers.	96.00
	Archie Ayers.	Services.	22.50
	I. N. Bovee.	do.	35.00
	Henry Driml.	do.	36.80
	Anton Driml.	do.	26.40
15	W. A. Langille.	Traveling expenses.	80.75
	C. A. Scott.	do.	139.76
	J. C. Blumer.	do.	43.05
	T. P. Lukins.	do.	479.82
17	W. K. Hatt.	do.	88.94
	A. E. Oman.	Services.	24.40
	R. D. Craig.	do.	31.80
	Delano & Moore.	Cramer banner plates.	56.66
	Eberhard Faber.	Rulers.	23.50
18	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation.	40.30
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do.	18.62
	Chicago, Milwaukee and St. Paul Rwy. Co.	do.	18.28
	Chicago Great Western Rwy. Co.	do.	8.00
	Central Vermont Rwy. Co.	do.	14.14
	Louisville and Nashville R. R. Co.	do.	9.16
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	19.50
	Missouri, Kansas and Texas Rwy. Co.	do.	8.95
	Northern Pacific Rwy. Co.	do.	119.29
	Central of Georgia Rwy. Co.	do.	6.14
	California Northwestern R. R. Co.	do.	11.00
	North Shore R. R. Co.	do.	2.30
	Cincinnati, New Orleans and Texas Pacific Rwy. Co.	do.	5.70
	Intercolonial Rwy. Co.	do.	5.40
	Duluth and Iron Range R. R. Co.	do.	10.50
	The Chesapeake and Ohio R. R. Co.	do.	69.95
	Nashville, Chattanooga and St. Louis Rwy. Co.	do.	9.80
	Oregon Short Line R. R. Co.	do.	73.15
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	27.40
	Seaboard Air Line Rwy. Co.	do.	6.25
	Southern California Rwy. Co.	do.	41.70
	Illinois Central R. R. Co.	do.	10.35
	Michigan Central R. R. Co.	do.	136.36
	The Missouri Pacific Rwy. Co.	do.	7.50
	New York Central and Hudson River R. R. Co.	do.	50.49
	The Wabash R. R. Co.	do.	23.50
	Atlantic Coast Line R. R. Co.	do.	28.85
	do.	do.	51.30
	Baltimore and Ohio R. R. Co.	do.	19.50
	do.	do.	62.16
	Burlington and Missouri River R. R. Co.	do.	138.30
	do.	do.	168.35
	Chicago and Northwestern Rwy. Co.	do.	86.80
	do.	do.	8.00
	The Chicago, Burlington and Quincy Rwy. Co.	do.	32.44
	do.	do.	6.45
	do.	do.	7.50
	The Colorado and Southern Rwy. Co.	do.	11.00
	do.	do.	26.30
	Denver and Rio Grande R. R. Co.	do.	109.60
	do.	do.	46.30
	The Oregon R. R. and Navigation Co.	do.	182.30
	do.	do.	8.60
	Great Northern Rwy. Co.	do.	44.64
	do.	do.	54.52
	Pennsylvania R. R. Co.	do.	9.00
	do.	do.	69.99
	do.	do.	38.07
	do.	do.	48.83
	do.	do.	43.00
	The Pullman Co.	do.	37.00
	do.	do.	69.50
	Southern R. R. Co.	do.	17.50
	do.	do.	15.00
	do.	do.	77.10

320 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 19	W. J. Gardner.....	Traveling expenses.....	\$115.15
	C. Feagan.....	do.....	77.55
	G. Alleman.....	do.....	117.70
	C. O. Sparks.....	do.....	69.11
	J. C. Clark.....	do.....	129.03
	R. E. Benedict.....	do.....	111.50
	J. W. Toumey.....	do.....	55.42
	H. A. Paul.....	do.....	62.55
	H. E. Burke.....	do.....	27.55
	do.....	do.....	44.00
	Erker Bros. Optical Co.....	Photo supplies.....	41.15
	Church & Stephenson.....	Lumber.....	73.80
21	R. P. Clarke Co.....	Towels.....	25.40
	J. Ross Collins.....	Bags.....	7.50
	Georgia Southern and Florida Rwy. Co.....	Passenger transportation.....	4.85
	Missouri, Kansas and Texas R. R. Co.....	do.....	4.58
22	Rufus B. Merchant.....	Maps.....	3.20
	L. E. Hunt.....	Traveling expenses.....	128.55
	E. B. Fuls.....	do.....	107.76
	S. J. Holsinger.....	do.....	77.15
	T. H. Sherrard.....	do.....	174.87
	E. T. Allen.....	do.....	116.41
	Heisig & Novill (Incorporated).....	Supplies.....	169.92
26	E. M. Hamilton.....	Service.....	97.80
28	A. K. Chittenden.....	Traveling expenses.....	52.15
	J. B. Anderson.....	Services.....	81.60
	Adams Express Co.....	Transportation.....	65.50
	do.....	do.....	16.85
	do.....	do.....	72.58
	Union Pacific R. R. Co.....	Passenger transportation.....	43.90
29	P. A. Clarke.....	Traveling expenses.....	46.65
	R. P. Ives.....	do.....	42.35
	A. W. Cooper.....	do.....	74.00
	A. E. Oman.....	do.....	21.00
31	H. O. Tunis.....	Services.....	25.30
	G. B. Sudworth et al.....	Salaries.....	4,989.05
	Total second quarter.....		75,848.64
1904. Jan. 2	R. B. Wilson.....	Traveling expenses.....	21.50
	W. K. Hatt.....	Services.....	189.55
	W. C. Hodge, jr.....	do.....	101.10
	R. G. Zou.....	do.....	75.80
4	M. Rothkrugel.....	do.....	33.10
	H. S. Allen.....	do.....	25.30
	E. E. Adams.....	do.....	25.30
	P. W. Ayres.....	do.....	25.30
	R. H. Allen.....	do.....	25.30
	T. Balfour.....	do.....	25.30
	J. E. Barton.....	do.....	25.30
	B. E. Babcock.....	do.....	25.30
	E. E. Bogue.....	do.....	25.30
	H. D. Burrall.....	do.....	25.30
	W. Burbridge.....	do.....	25.30
	E. G. Cheyney.....	do.....	25.30
	G. H. Cecil.....	do.....	25.30
	C. W. Edgerton.....	do.....	25.30
	W. W. Everett.....	do.....	25.30
	J. E. Gow.....	do.....	25.30
	H. M. Hale.....	do.....	25.30
	C. D. Howe.....	do.....	25.30
	W. L. Jepson.....	do.....	25.30
	L. Krautter, jr.....	do.....	25.30
	W. R. Lazenby.....	do.....	25.30
	C. A. Norton.....	do.....	25.30
	A. E. Oman.....	do.....	25.30
	W. L. Porterfield.....	do.....	25.30
	A. H. Pierson.....	do.....	25.30
	D. Rodman.....	do.....	25.30
	E. R. Secrest.....	do.....	25.30
	C. H. Sellers.....	do.....	25.30
	B. J. Teasdale.....	do.....	25.30
	J. W. Toumey.....	do.....	25.30
	G. J. Traugott.....	do.....	25.30
	W. J. Ward.....	do.....	25.30
	L. L. White.....	do.....	25.30
	J. C. Blumer.....	do.....	40.40
	J. F. Bond.....	do.....	40.40
	R. D. Craig.....	do.....	40.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 4	J. S. Guthrie.....	Services.....	\$40.40
	E. R. Hodson.....	do.....	40.40
	W. B. Howard.....	do.....	40.40
	H. A. Paul.....	do.....	40.40
	J. H. Ramskill.....	do.....	40.40
	H. D. Scudder.....	do.....	40.40
	J. P. Wentling.....	do.....	40.40
	A. O. Waha.....	do.....	40.40
	E. A. Ziegler.....	do.....	40.40
	T. F. Borst.....	do.....	50.50
	C. Barry.....	do.....	50.50
	C. Feagan.....	do.....	50.50
	E. T. Greene.....	do.....	50.50
	M. Johnson.....	do.....	50.50
	F. Klarpp.....	do.....	50.50
	J. E. Keach.....	do.....	50.50
	W. H. Mast.....	do.....	50.50
	G. E. Tower.....	do.....	50.50
	S. Tompkins.....	do.....	50.50
	G. Alleman.....	do.....	60.60
	A. E. Cohoon.....	do.....	60.60
	W. G. Durbin.....	do.....	60.60
	E. B. Fulks.....	do.....	60.60
	M. C. Jensen.....	do.....	60.60
	W. J. Hutchinson.....	do.....	60.60
	H. D. Hartley.....	do.....	60.60
	R. S. Kellogg.....	do.....	60.60
	C. A. Scott.....	do.....	60.60
	J. W. Warren.....	do.....	60.60
	M. Burns.....	do.....	75.80
	F. A. Clarke.....	do.....	75.80
	M. W. Ely.....	do.....	75.80
	G. Farley.....	do.....	75.80
	W. R. McKinnon.....	do.....	75.80
	S. Riley.....	do.....	75.80
	J. B. Anderson.....	do.....	84.20
	E. A. Braniff.....	do.....	84.20
	A. W. Cooper.....	do.....	84.20
	G. L. Clothier.....	do.....	84.20
	J. F. Clark.....	do.....	84.20
	W. B. Gardner.....	do.....	84.20
	A. F. Hawes.....	do.....	84.20
	R. P. Imes.....	do.....	84.20
	E. Koch.....	do.....	84.20
	T. P. Lukens.....	do.....	84.20
	L. E. Miller.....	do.....	84.20
	H. K. Porter.....	do.....	84.20
	J. G. Peters.....	do.....	84.20
	W. D. Sterrett.....	do.....	84.20
	T. S. Woolsey, jr.....	do.....	84.20
	A. K. Chittenden.....	do.....	101.10
	C. S. Chapman.....	do.....	101.10
	Geo. E. Clement.....	do.....	101.10
	C. Du Bois.....	do.....	101.10
	R. T. Fisher.....	do.....	101.10
	G. E. Marshall.....	do.....	101.10
	E. A. Sterling.....	do.....	101.10
	E. T. Allen.....	do.....	151.60
	E. M. Griffith.....	do.....	151.60
	W. A. Langille.....	do.....	151.60
	A. F. Potter.....	do.....	151.60
	E. S. Bruce.....	do.....	210.60
	H. von Schrenk.....	do.....	210.60
	F. M. Patton.....	do.....	26.12
	D. Skeels.....	do.....	26.12
	J. L. Bliss.....	do.....	30.98
	S. N. Spring.....	do.....	38.04
	H. A. Tompkins.....	do.....	117.90
	L. E. Hunt.....	do.....	168.50
	T. H. Sherrard.....	do.....	168.50
	C. H. Herty.....	do.....	189.55
	J. Foley.....	Traveling expenses.....	38.20
	G. B. Sudworth.....	do.....	184.44
	A. E. Oman.....	do.....	2.85
5	H. D. Aller.....	do.....	11.80
	W. T. Cox.....	do.....	11.51
	W. B. Howard.....	do.....	97.25
	Henry Driml.....	Services.....	24.00
6	J. R. Wier.....	do.....	25.30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 6	F. J. Phillips	Services	\$25.30
	A. S. Peck	do.	25.30
	G. S. Cleland	do.	25.30
	T. G. Phillips	do.	40.40
	F. Tompkins	do.	50.50
	J. W. Riggs	do.	60.60
	R. E. Benedict	do.	60.60
	R. G. Griffin	do.	75.80
	E. M. Hamilton	do.	101.10
	S. J. Holsinger	do.	151.60
	J. R. Wier	do.	15.49
	W. C. Hodge, jr.	Traveling expenses	23.50
	T. A. Casey	Services	26.12
	J. P. Wentling	Traveling expenses	61.63
7	H. Grinnell	do.	13.50
	W. L. Porterfield	do.	20.01
	E. T. Greene	do.	91.76
	Wm. H. Dyer	Wire molding	16.20
	The Maurice Joyce Engraving Co.	Die	2.50
	Geo. F. Muth & Co.	Glass, etc.	489.01
	Harvard Laundry Co.	Laundering	4.20
8	J. C. Rau	Button gaslight keys	3.50
	J. W. Fawcett	Shades	23.50
	Lamb & Tilden	Daters, etc.	7.10
	The J. C. Ergood Co.	Starch	1.80
	National Electric Supply Co.	Supplies	8.40
9	F. R. Miller	Services	26.09
	T. P. Lukens	Traveling expenses	.40
12	Densmore Typewriter Co.	Repairs	8.10
	R. Carter Ballantyne	Baskets	15.95
	E. Morrison Paper Co.	Envelopes	61.07
	Rudolph, West & Co.	Iron tanks, etc.	120.65
	Giddings & Steele	Rugs	18.60
	Mackall Bros.	Toilet soap, etc.	40.28
	The Maurice Joyce Engraving Co.	Die	7.50
	M. G. Copeland & Co.	Tarpaulin	4.50
	M. Du Perow	Supplies	19.86
	W. B. Moses & Sons	Matting, etc.	45.35
	Fred. S. Gidmer	Brackets	12.00
	Richd. Gasch	Repairing locks	5.00
14	Library Bureau	Desks, etc.	120.18
	Queen & Co. (Incorporated)	Photo material	7.20
	Yawman & Erbe Manufacturing Co.	Index cabinet	129.50
	W. & L. E. Gurley	Compass	51.00
	W. H. B. Kent	Services	75.80
	F. W. Reed	do.	101.10
	C. O. Sparks	do.	50.50
	H. A. Smith	do.	70.00
	W. C. Martin	do.	7.50
	C. H. Farnum	do.	27.75
	J. S. Baird	do.	46.20
	H. B. Kempton	Traveling expenses	215.35
	J. E. Gow	do.	28.70
	W. H. Mast	do.	61.25
	W. H. B. Kent	do.	324.35
	A. S. Peck	do.	26.25
	G. Alleman	do.	108.73
	E. B. Fuls	do.	97.42
	J. G. Peters	do.	94.03
	S. J. Holsinger	do.	182.00
	J. L. Webb	Services	1.63
	W. K. Hatt	Traveling expenses	122.73
	J. W. Riggs	do.	68.48
	C. H. Herty	do.	242.85
	C. A. Scott	do.	192.61
	T. P. Lukens	do.	190.73
	G. L. Clothier	do.	72.72
	H. A. Paul	do.	92.95
	H. T. Hartley	do.	35.25
	G. E. Clement	do.	88.90
	T. H. Sherrard	do.	35.75
	H. H. Chapman	do.	13.10
	G. F. Farley	do.	8.50
	R. G. Giffin	do.	18.50
	J. W. Warren	do.	144.73
	W. H. B. Kent	do.	33.00
	A. D. Hopkins	do.	24.25
	W. W. Cheever	do.	14.84
	J. B. Anderson	do.	17.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 14	C. S. Chapman.....	Traveling expenses.....	\$316.05
	J. C. Blumer.....	do.....	6.95
	J. B. Anderson.....	do.....	50.70
	F. Tompkins.....	do.....	49.45
	E. A. Braniff.....	do.....	154.29
	J. F. Clark.....	do.....	26.17
	C. Feagan.....	do.....	49.40
	M. Burns.....	do.....	9.00
	E. S. Bruce.....	do.....	49.61
	W. R. McKinnon.....	do.....	19.00
	J. S. Baird.....	do.....	29.21
	I. N. Bovee.....	Services.....	35.00
	Keuffel & Esser Co.....	Map.....	2.15
	W. G. Johnston & Co.....	Ledger leaves.....	20.25
	Jno. Underwood & Co.....	Carbon paper.....	22.56
	Wolf Bros.....	Cases.....	43.60
	W. P. Turner.....	Apparatus.....	14.00
	Holbrook, Merrill & Stetson.....	Drying oven.....	75.00
16	A. Ackerman.....	Services.....	32.50
	R. L. Marston.....	do.....	45.50
	C. S. Chapman.....	Traveling expenses.....	427.85
	F. W. Reed.....	do.....	10.90
	H. A. Smith.....	do.....	23.45
	G. E. Marshall.....	do.....	209.64
	R. P. Imes.....	do.....	67.05
	R. F. Fisher.....	do.....	64.47
18	M. C. Jensen.....	do.....	58.84
	W. R. Lazenby.....	do.....	12.85
	R. L. Marston.....	do.....	70.25
	T. S. Woolsey, jr.....	do.....	14.35
	Eastman Kodak Co.....	Photo supplies.....	73.88
	Chas. R. Edmonston.....	Drinking glasses.....	2.20
19	S. P. Woolfolk.....	Services.....	40.40
20	C. S. Chapman.....	Traveling expenses.....	152.47
	G. E. Tower.....	do.....	29.90
	F. Tompkins.....	do.....	65.38
25	W. H. B. Kent.....	do.....	272.17
	R. E. Benedict.....	do.....	84.75
	The Colorado and Southern Rwy. Co.....	Passenger transportation.....	17.70
	Union Pacific R. R. Co.....	do.....	85.00
	do.....	do.....	64.54
	Northern Pacific Rwy. Co.....	do.....	107.70
	do.....	do.....	147.59
	do.....	do.....	11.50
	New York, New Haven and Hartford R. R. Co.....	do.....	5.00
	do.....	do.....	8.00
	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	12.00
	Oregon Short Line R. R. Co.....	do.....	60.00
	do.....	do.....	48.35
	do.....	do.....	35.15
	do.....	do.....	14.85
	Illinois Central R. R. Co.....	do.....	7.50
	Atlantic Coast Line R. R. Co.....	do.....	27.70
	do.....	do.....	28.40
	Texas and Pacific Rwy. Co.....	do.....	16.80
	Pennsylvania Co.....	do.....	5.40
	do.....	do.....	35.00
	Maine Central R. R. Co.....	do.....	3.75
	Denver and Rio Grande R. R. Co.....	do.....	30.00
	do.....	do.....	135.65
	The Wabash R. R. Co.....	do.....	23.50
	Washington Southern Rwy. Co.....	do.....	11.30
	Southern Rwy. Co.....	do.....	450.20
	The Atchison, Topeka and Santa Fe R. R. Co.....	do.....	5.90
	Burlington and Missouri River R. R.....	do.....	111.45
	Baltimore and Ohio R. R. Co.....	do.....	28.60
	Norfolk and Western Rwy. Co.....	do.....	10.90
	do.....	do.....	7.85
	New York Central and Hudson River R. R. Co.....	do.....	20.35
	Southern California Rwy. Co.....	do.....	155.50
	The Pecos Valley North Eastern Rwy. Co.....	do.....	3.15
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	do.....	4.60
	Brunswick and Birmingham R. R. Co.....	do.....	4.40
	The Colorado Midland Rwy. Co.....	do.....	39.30
	Bangor and Aroostook R. R. Co.....	do.....	7.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 25	Lehigh Valley R. R. Co.	Passenger transportation.	\$11. 85
	Erie R. R. Co.	do.	9. 00
	Gulf and Ship Island R. R. Co.	do.	3. 50
	Seaboard Air Line Rwy.	do.	22. 20
	Great Northern Rwy. Co.	do.	65. 37
	Boston and Maine R. R. Co.	do.	13. 85
	Pennsylvania R. R. Co.	do.	61. 65
	Delano & Moore.	Photo supplies.	62. 95
	Jacquot & Son.	Oats.	44. 70
	S. Tompkins.	Traveling expenses.	402. 30
	C. H. Farnum.	do.	19. 11
	H. O. Tunis.	do.	19. 28
	D. Rodman.	do.	22. 05
	R. S. Kellogg.	do.	40. 54
	C. G. Crawford.	do.	11. 56
	L. E. Hunt.	do.	78. 35
27	S. N. Spring.	do.	30. 05
	O. W. Price.	do.	29. 40
	Francis Miller.	Glass.	1. 07
	Potomac Electric Power Co.	Current. ....	. 37
28	Jewett & Son.	Maps.	12. 00
	H. S. Graves.	Traveling expenses.	14. 00
29	Barber & Ross.	Granite-iron basins, etc.	41. 32
	J. Baumgarten & Sons.	Daters.	10. 80
	Geo. F. Wuth & Co.	Materials for painting.	25. 64
	Z. D. Gilman.	Photo supplies.	4. 95
	Clark & Davenport.	Linoleum.	36. 96
	C. Schneider Sons.	Keys, etc.	8. 55
	Jno. C. Rau.	Wire.	6. 90
	Capital Traction Co.	Car tickets.	10. 00
	S. P. Johnson.	Repairs to typewriters.	2. 65
	Wm. H. Rupp Co.	Waste baskets.	2. 09
	Geo. E. Corlett.	Photo glass.	26. 25
	Chas. R. Edmonston.	Slop jars.	7. 60
	Herman Baumgarten.	Ink pad, etc.	1. 45
	The J. C. Ergood Co.	Pearline.	1. 44
	Jas. B. Lambie (Incorporated).	Door spring, etc.	7. 56
	Wm. Brown.	Labor.	2. 00
31	G. B. Sudworth et al.	Salaries.	5, 607. 15
Feb. 1	P. W. Ayers.	Services.	25. 50
	R. H. Allen.	do.	25. 50
	E. E. Adams.	do.	25. 50
	E. E. Bogue.	do.	25. 50
	W. Burbridge.	do.	25. 50
	B. E. Babcock.	do.	25. 50
	T. Balfour.	do.	25. 50
	J. E. Barton.	do.	25. 50
	T. A. Casey.	do.	25. 50
	G. H. Cecil.	do.	25. 50
	E. G. Cheyney.	do.	25. 50
	G. S. Cleland.	do.	25. 50
	C. W. Edgerton.	do.	25. 50
	R. T. Fisher.	do.	25. 50
	J. E. Gow.	do.	25. 50
	H. M. Hale.	do.	25. 50
	C. D. Howe.	do.	25. 50
	L. Krautter, jr.	do.	25. 50
	C. A. Norton.	do.	25. 50
	A. E. Oman.	do.	25. 50
	F. L. Pray.	do.	25. 50
	A. H. Pierson.	do.	25. 50
	F. J. Phillips.	do.	25. 50
	A. S. Peck.	do.	25. 50
	F. M. Patton.	do.	25. 50
	J. H. Ramskell.	do.	25. 50
	E. R. Secrest.	do.	25. 50
	C. H. Sellers.	do.	25. 50
	D. S. Reels.	do.	25. 50
	G. J. Trangott.	do.	25. 50
	B. J. Teasdale.	do.	25. 50
	J. R. Weir.	do.	25. 50
	L. L. White.	do.	25. 50
	W. J. Ward.	do.	25. 50
	J. C. Blumer.	do.	40. 90
	R. D. Craige.	do.	40. 90
	J. D. Guthrie.	do.	40. 90
	W. B. Howard.	do.	40. 90
	E. R. Hodson.	do.	40. 90
	W. L. Porterfield.	do.	40. 90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 1	T. G. Phillips.....	Services.....	\$40.90
	H. A. Paul.....	do.....	40.90
	H. D. Scudder.....	do.....	40.90
	H. O. Tunis.....	do.....	40.90
	A. O. Waha.....	do.....	40.90
	S. P. Woolfork.....	do.....	40.90
	J. F. Wentling.....	do.....	40.90
	C. A. Ziegler.....	do.....	40.90
	C. Barry.....	do.....	51.10
	T. F. Borst.....	do.....	51.10
	C. Feagan.....	do.....	51.10
	E. T. Greene.....	do.....	51.10
	M. Johnson.....	do.....	51.10
	J. E. Keach.....	do.....	51.10
	F. Klarpp.....	do.....	51.10
	W. H. Mast.....	do.....	51.10
	C. O. Sparks.....	do.....	51.10
	G. E. Tower.....	do.....	51.10
	S. Tompkins.....	do.....	51.10
	R. E. Benedict.....	do.....	61.30
	A. E. Cohoon.....	do.....	61.30
	W. G. Durbid.....	do.....	61.30
	E. B. Fuls.....	do.....	61.30
	H. D. Hartley.....	do.....	61.30
	W. J. Hutchinson.....	do.....	61.30
	M. C. Jensen.....	do.....	61.30
	R. S. Kellogg.....	do.....	61.30
	J. W. Riggs.....	do.....	61.30
	C. A. Scott.....	do.....	61.30
	J. W. Warren.....	do.....	61.30
	M. Burns.....	do.....	76.60
	F. A. Clarke.....	do.....	76.60
	M. W. Ely.....	do.....	76.60
	W. R. McKinnon.....	do.....	76.60
	S. Riley.....	do.....	76.60
	R. G. Zou.....	do.....	76.60
	J. B. Anderson.....	do.....	85.20
	J. S. Baird.....	do.....	85.20
	E. A. Braniff.....	do.....	85.20
	J. F. Clark.....	do.....	85.20
	A. W. Cooper.....	do.....	85.20
	G. Farley.....	do.....	85.20
	W. G. Gardner.....	do.....	85.20
	A. F. Hawes.....	do.....	85.20
	R. P. Imes.....	do.....	85.20
	E. Koch.....	do.....	85.20
	T. P. Lukins.....	do.....	85.20
	L. C. Miller.....	do.....	85.20
	H. K. Porter.....	do.....	85.20
	J. G. Peters.....	do.....	85.20
	W. D. Sterritt.....	do.....	85.20
	T. S. Woolsey, jr.....	do.....	85.20
	C. S. Chapman.....	do.....	102.20
	G. E. Clement.....	do.....	102.20
	A. K. Chittenden.....	do.....	102.20
	C. Du Bois.....	do.....	102.20
	R. G. Giffin.....	do.....	102.20
	G. E. Marshall.....	do.....	102.20
	F. W. Reed.....	do.....	102.20
	E. A. Sterling.....	do.....	102.20
	E. T. Allen.....	do.....	153.30
	E. M. Griffith.....	do.....	153.30
	S. J. Holsinger.....	do.....	153.30
	W. A. Langille.....	do.....	153.30
	A. F. Potter.....	do.....	153.30
	L. E. Hunt.....	do.....	170.30
	T. H. Sherrard.....	do.....	170.30
	W. K. Hatt.....	do.....	191.60
	C. H. Herty.....	do.....	191.60
	E. S. Bruce.....	do.....	212.90
	H. von Schrenk.....	do.....	212.90
	G. Alleman.....	do.....	60.00
	J. F. Appleby.....	do.....	28.02
	G. L. Clothier.....	do.....	24.73
	J. A. Howarth, jr.....	do.....	41.21
	G. M. Homans.....	do.....	24.73
	C. H. Hall.....	do.....	51.92
	W. L. Jepson.....	do.....	4.95
	D. Rodman.....	do.....	31.48

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 1	H. A. Smith	Services	\$91.00
	S. N. Spring .....	..do	8.24
	H. J. Tompkins .....	..do	119.20
	W. Wallace .....	..do	41.54
2	J. F. Bond .....	..do	25.50
	H. D. Burrall .....	..do	25.50
3	The Chesapeake and Potomac Telephone Co.	Service	25
	..do .....	..do	90
	..do	Moving telephone	2.50
	R. P. Andrews & Co.	Supplies	2.00
	Adams Express Co.	Transportation	93.62
	..do .....	..do	59.50
	..do .....	..do	94.68
	The Geo. W. Knox Express Co. ....	..do	18.73
	United States Express Co. ....	..do	21.90
	Blue Line Transfer Co. ....	..do	3.41
	W. H. Dyer	Preparing specimens for test	22.95
	M. Du Perow	Supplies	22.06
	Church & Stephenson	Lumber	33.52
	Remington Typewriter Co.	Typewriter, etc.	172.50
	Underwood Typewriter Co. ....	..do	92.50
	Fred. A. Schmidt	Drawing materials	177.08
	Lamb & Tilden	Daters	18.00
	E. Morrison Paper Co.	Stationery	37.15
	W. B. Moses & Sons	File cases	154.00
	National Electric Supply Co.	Supplies	8.40
	E. S. Newman	Paper	2.00
	D. Frank Parker	Stationery	26.60
	United States Express Co.	Transportation	40.05
	..do .....	..do	52.85
	Washington Gas-light Co.	Gas	10
	Woodward & Lothrop	Furniture, etc.	250.89
4	H. W. Newman	Services	73.40
	E. J. S. Moore .....	..do	45.00
	W. W. Everett .....	..do	25.50
	R. L. Marsten .....	..do	65.00
	M. M. Sutter .....	..do	34.62
	S. B. Detwiler	Traveling expenses	17.43
	G. Alleman .....	..do	100.27
	H. Grinnell .....	..do	38.75
	A. O. Waha .....	..do	16.45
	E. T. Greene .....	..do	84.80
5	T. G. Phillips .....	..do	69.60
	..do	Services	3.96
	I. N. Bovee .....	..do	35.00
	F. A. Clarke	Traveling expenses	66.89
	G. S. Cleland .....	..do	2.66
	G. E. Clement .....	..do	80.14
	W. L. Porterfield .....	..do	24.84
	H. M. Sutter .....	..do	10.60
8	The Chesapeake and Potomac Telephone Co.	Service	95.01
9	Adams Express Co.	Transportation	3.32
	Julius Lansburgh	Steel rod	1.37
	W. L. King	Leather .....	.50
	National Electrical Supply Co.	Shade holders	1.50
	Wm. Brown	Moving	2.00
	C. Schneider Sons	Keys, etc.	1.50
11	J. S. Baird	Traveling expenses	23.00
	R. E. Benedict .....	..do	17.75
	M. Burns .....	..do	23.50
	J. F. Clarke .....	..do	89.59
	G. Farley .....	..do	22.00
	C. Feagan .....	..do	57.70
	R. G. Giffin .....	..do	42.50
	H. D. Hartley .....	..do	63.63
	W. B. Howard .....	..do	60.50
	W. F. Hubbard .....	..do	67.63
	R. P. Imes .....	..do	58.65
	M. C. Jensen .....	..do	16.42
	T. P. Lukens .....	..do	54.50
	W. R. McKinnon .....	..do	25.75
	G. E. Marshall .....	..do	134.29
	H. A. Paul .....	..do	111.90
	C. A. Scott .....	..do	44.54
	W. D. Sterrett .....	..do	136.72
	J. W. Warren .....	..do	112.37
	C. H. Herty .....	..do	280.87
	S. J. Holsinger .....	..do	142.40
	W. Wallace .....	..do	18.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 11	E. A. Braniff.....	Traveling expenses.....	\$118.20
	J. H. Hansenvold.....	do.....	10.71
	W. H. B. Kent.....	Services.....	76.60
12	F. Tompkins.....	do.....	51.10
	Yawman & Erbe Manufacturing Co.....	Bookcase sections.....	169.50
	Library Bureau.....	Letter files, etc.....	66.65
	Chas. S. Jenkins.....	Map roll.....	55.00
	Eastman Kodak Co.....	Photo supplies.....	20.49
	J. H. Bunnell & Co.....	Electric supplies.....	28.27
	W. P. Turner.....	Supplies for timber tests.....	21.00
	Thos. Meehan & Son (Incorporated).....	Seed.....	17.50
13	E. S. Bruce.....	Traveling expenses.....	64.85
	W. J. Gardner.....	do.....	49.52
	R. G. Zon.....	do.....	71.70
15	J. T. Moses.....	Services.....	3.26
	J. W. Riggs.....	Traveling expenses.....	66.52
	H. D. Scudder.....	do.....	144.40
17	H. A. Smith.....	do.....	35.95
	F. Tompkins.....	do.....	125.60
	R. S. Craig.....	do.....	169.10
	E. B. Fuls.....	do.....	64.80
	L. E. Hunt.....	do.....	156.42
	C. H. Farnum.....	Services.....	25.50
	Cincinnati, New Orleans and Texas Pacific Rwy. Co.....	Passenger transportation.....	14.55
	Baltimore and Ohio R. R. Co.....	do.....	8.70
	The Chicago, Burlington and Quincy Rwy. Co.....	do.....	27.39
18	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	213.04
	do.....	do.....	25.00
	Cincinnati, Hamilton and Dayton Rwy. Co.....	do.....	8.70
	Great Northern Rwy. Co.....	do.....	4.52
	Houston and Texas Central R. R. Co.....	do.....	10.70
	Illinois Central R. R. Co.....	do.....	28.10
	Louisville and Nashville R. R. Co.....	do.....	20.00
	Nashville, Chattanooga and St. Louis Rwy. Co.....	do.....	11.90
	New York, New Haven and Hartford R. R. Co.....	do.....	8.00
	do.....	do.....	9.40
	New York Central and Hudson River R. R. Co.....	do.....	69.25
	The Oregon R. R. and Navigation Co.....	do.....	112.10
	Pennsylvania R. R. Co.....	do.....	12.60
	do.....	do.....	60.50
	do.....	do.....	17.50
	Seaboard Air Line Rwy. Co.....	do.....	7.00
	Southern Rwy. Co.....	do.....	77.49
	Southern California Rwy. Co.....	do.....	62.50
	San Pedro, Los Angeles and Salt Lake R. R. Co.....	do.....	10.55
19	J. G. Peters.....	Traveling expenses.....	197.29
	C. O. Sparks.....	do.....	15.85
23	C. S. Chapman.....	do.....	279.56
	do.....	do.....	127.00
	Henry Taylor Lumber Co.....	Services.....	57.66
	Yawman & Erbe Manufacturing Co.....	Section, etc.....	19.00
	Thos. Meehan & Sons (Incorporated).....	Seeds.....	39.35
	Keuffel & Esser Co.....	Callipers.....	29.25
	W. G. Johnson & Co.....	Transfer binders.....	15.75
	Felt & Tarrent Manufacturing Co.....	Comptometer.....	125.00
24	The G. W. Knox Express Co.....	Drayage.....	3.00
	W. B. Moses & Sons.....	Sections, etc.....	11.50
	Adams Express Co.....	Transportation.....	12.85
	R. Carter Ballantyne.....	Stationery.....	5.68
	Church & Stephenson.....	Lumber.....	77.83
	Delano & Moore.....	Photo. supplies.....	181.13
	M. Du Perow.....	Electric supplies.....	21.43
	A. Eberly's Sons.....	Grate.....	1.00
	The Maurice Joyce Engraving Co.....	Die.....	.50
	J. W. Tyler.....	Molding.....	2.00
	Howard Laundry Co.....	Service.....	4.57
27	Western Union Telegraph Co.....	do.....	157.10
	Postal Telegraph-Cable Co.....	do.....	11.24
29	H. D. Aller.....	Services.....	25.50
	G. B. Sudworth et al.....	Salaries.....	5,500.02
Mar. 1	E. E. Adams.....	Services.....	24.00
	R. H. Allen.....	do.....	24.00
	H. D. Allen.....	do.....	24.00
	P. W. Ayres.....	do.....	24.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 1	B. E. Babcock.....	Services.....	\$24.00
	E. E. Bogue.....	do.....	24.00
	J. F. Bond.....	do.....	24.00
	H. D. Burrell.....	do.....	24.00
	W. Burbridge.....	do.....	24.00
	Geo. H. Cecil.....	do.....	24.00
	G. S. Cleland.....	do.....	24.00
	E. G. Cheyney.....	do.....	24.00
	W. W. Everett.....	do.....	24.00
	R. T. Fisher.....	do.....	24.00
	E. M. Griffith.....	do.....	24.00
	J. E. Gow.....	do.....	24.00
	H. M. Hale.....	do.....	24.00
	J. H. Hausewald.....	do.....	24.00
	G. M. Homans.....	do.....	24.00
	C. D. Howe.....	do.....	24.00
	J. A. Haworth, jr.....	do.....	24.00
	J. H. Ramskill.....	do.....	24.00
	W. H. Kempfer.....	do.....	24.00
	C. A. Morton.....	do.....	24.00
	J. E. Barton.....	do.....	24.00
	A. E. Oman.....	do.....	24.00
	A. S. Peck.....	do.....	24.00
	F. M. Patton.....	do.....	24.00
	A. H. Pierson.....	do.....	24.00
	W. L. Porterfield.....	do.....	24.00
	F. L. Pray.....	do.....	24.00
	F. J. Phillips.....	do.....	24.00
	E. R. Secrist.....	do.....	24.00
	C. H. Sellers.....	do.....	24.00
	D. S. Keels.....	do.....	24.00
	B. J. Teasdale.....	do.....	24.00
	D. J. Trangott.....	do.....	24.00
	H. O. Tunis.....	do.....	24.00
	W. J. Ward.....	do.....	24.00
	J. R. Weir.....	do.....	24.00
	L. L. White.....	do.....	24.00
	J. C. Blumer.....	do.....	38.20
	R. D. Craig.....	do.....	38.20
	C. M. Erdman.....	do.....	38.20
	J. D. Guthrie.....	do.....	38.20
	E. R. Hodson.....	do.....	38.20
	W. B. Howard.....	do.....	38.20
	H. A. Paul.....	do.....	38.20
	H. D. Scudder.....	do.....	38.20
	A. O. Waha.....	do.....	38.20
	S. P. Woolfolk.....	do.....	38.20
	E. A. Ziegler.....	do.....	38.20
	C. Feagan.....	do.....	47.80
	E. T. Greene.....	do.....	47.80
	M. Johnson.....	do.....	47.80
	J. E. Keach.....	do.....	47.80
	F. Klarpp.....	do.....	47.80
	W. H. Mast.....	do.....	47.80
	C. O. Sparks.....	do.....	47.80
	G. E. Tower.....	do.....	47.80
	F. Tompkins.....	do.....	47.80
	S. Tompkins.....	do.....	47.80
	J. F. Appleby.....	do.....	47.80
	T. F. Borst.....	do.....	47.80
	C. Barry.....	do.....	47.80
	R. E. Benedict.....	do.....	57.40
	A. E. Cohoon.....	do.....	57.40
	W. G. Durbin.....	do.....	57.40
	E. B. Fulks.....	do.....	57.40
	H. T. Hartley.....	do.....	57.40
	W. I. Hutchinson.....	do.....	57.40
	R. S. Kellogg.....	do.....	57.40
	J. W. Riggs.....	do.....	57.40
	C. A. Scott.....	do.....	57.40
	W. Wallace.....	do.....	57.40
	J. W. Warren.....	do.....	57.40
	M. Burns.....	do.....	71.80
	M. W. Ely.....	do.....	71.80
	C. H. Hall.....	do.....	71.80
	W. R. McKinnon.....	do.....	71.80
	S. Riley.....	do.....	71.80
	R. G. Zon.....	do.....	71.80
	J. S. Baird.....	do.....	79.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 1	E. A. Braniff.....	Services.....	\$79.60
	J. F. Clark.....	do.....	79.60
	A. W. Cooper.....	do.....	79.60
	G. Farley.....	do.....	79.60
	W. J. Gardner.....	do.....	79.60
	A. F. Hawes.....	do.....	79.60
	R. P. Imes.....	do.....	79.60
	E. Koch.....	do.....	79.60
	T. P. Lukens.....	do.....	79.60
	L. C. Miller.....	do.....	79.60
	J. G. Peters.....	do.....	79.60
	H. K. Porter.....	do.....	79.60
	W. D. Sterrett.....	do.....	79.60
	C. S. Chapman.....	do.....	95.60
	A. K. Chittenden.....	do.....	95.60
	G. E. Clement.....	do.....	95.60
	C. Du Bois.....	do.....	95.60
	R. G. Giffin.....	do.....	95.60
	G. E. Marshall.....	do.....	95.60
	F. W. Reed.....	do.....	95.60
	E. A. Sterling.....	do.....	95.60
	L. E. Hunt.....	do.....	159.40
	T. H. Sherrard.....	do.....	159.40
	C. H. Herty.....	do.....	179.30
	W. K. Hatt.....	do.....	179.30
	E. S. Bruce.....	do.....	199.20
	H. von Schrenk.....	do.....	199.20
	E. T. Allen.....	do.....	143.40
	S. J. Holsinger.....	do.....	143.40
	W. A. Langille.....	do.....	143.40
	A. F. Potter.....	do.....	143.40
	C. W. Edgarton.....	do.....	4.12
	H. Davis.....	do.....	33.89
	J. W. Toumey.....	do.....	49.50
	G. Alleman.....	do.....	60.00
	M. Rothkugel.....	do.....	79.10
	H. J. Tomkins.....	do.....	111.60
2	T. A. Casey.....	do.....	24.00
	L. Krautter, jr.....	do.....	24.00
	H. A. Smith.....	do.....	98.00
	Gifford Pinchot.....	Traveling expenses.....	234.70
	H. Grinnell.....	do.....	39.55
	J. B. Anderson.....	do.....	128.20
	A. K. Chittenden.....	do.....	152.93
	G. L. Clothier.....	do.....	121.33
	W. K. Hatt.....	do.....	81.03
	R. S. Kellogg.....	do.....	23.41
	H. A. Smith.....	do.....	34.15
3	Giddings & Steele.....	Rug.....	37.20
	S. Kann, Sons & Co.....	Felt.....	9.56
	Geo. E. Corbett.....	Glue.....	1.25
	M. G. Copeland Co.....	Repairing tents, etc.....	35.00
	Wm. E. Stockett & Co.....	Portfolios.....	2.75
	Rufus B. Merchant, P. O. Department.....	Map.....	1.60
	F. A. Clarke.....	Services.....	24.73
	E. T. Greene.....	Traveling expenses.....	95.22
4	Amberg File and Index Co.....	Cabinet, etc.....	87.78
	F. Barteldes & Co.....	Pine seed.....	2.00
	Cox Seed Co.....	Seed.....	2.00
	Eastman Kodak Co.....	Photo. supplies.....	48.00
	T. Balfour.....	Services.....	24.00
5	Wolbensak Optical Co.....	Repairs.....	1.10
	J. B. Anderson.....	Services.....	79.60
	T. S. Woolsen, jr.....	do.....	79.60
	D. Rodman.....	do.....	38.20
	G. Alleman.....	Traveling expenses.....	102.45
	Jno. F. Clarke.....	do.....	70.54
	C. G. Crawford.....	do.....	70.95
	G. E. Marshall.....	do.....	68.50
10	M. C. Jensen.....	Services.....	57.40
	E. S. Bruce.....	Traveling expenses.....	83.17
	F. A. Clarke.....	do.....	63.90
	E. B. Fulks.....	do.....	84.00
	T. P. Lukens.....	do.....	95.30
	S. J. Halsinger.....	do.....	123.60
	H. D. Hartley.....	do.....	66.29
	W. L. Porterfield.....	do.....	79.71
	J. W. Warren.....	do.....	121.20
11	T. S. Woolsey.....	do.....	9.20

330 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	E. A. Braniff.....	Traveling expenses.....	\$161.23
	R. D. Craig.....	do.....	144.11
	C. Feagan.....	do.....	78.15
	W. J. Gardner.....	do.....	95.83
	C. A. Scott.....	do.....	35.45
	W. K. Hatt.....	do.....	55.35
	F. L. Pray.....	do.....	37.11
	United States Express Co.....	Transportation.....	12.45
	Woodward & Lothrop.....	Furniture, etc.....	32.94
	F. A. Schmidt.....	Drawing materials.....	86.41
	Jas. B. Lambie Co.....	Stapladder.....	8.00
	Lamb & Tilden.....	Self-inking stamp.....	4.75
	Mackall Bros.....	Photo supplies.....	36.00
	Barber & Ross.....	Hardware, etc.....	24.94
	Z. D. Gilman.....	Sponge.....	3.00
	W. T. Galliher & Bro.....	Lumber.....	3.42
	J. W. Fawcett.....	Window shade.....	1.50
	National Electrical Supply Co.....	Electric supplies.....	20.63
	E. Morrison Paper Co.....	Notebooks, etc.....	24.50
	S. P. Johnson.....	Repairs on typewriters.....	22.25
	Lutz & Co.....	Leather carrying case.....	7.50
	Newberry & Metcalf.....	Supplies.....	63.59
	I. N. Bovee.....	Services.....	35.00
12	W. H. B. Kent.....	do.....	71.80
	do.....	Traveling expenses.....	213.71
14	C. H. Herty.....	do.....	243.43
	E. A. Ziegler.....	do.....	106.58
	J. L. Baird.....	do.....	33.86
	G. Farley.....	do.....	34.11
	W. I. Hutchinson.....	do.....	38.32
	M. Burns.....	do.....	31.11
	A. S. Peck.....	do.....	47.69
16	J. W. Touney.....	do.....	22.69
	W. B. Howard.....	do.....	39.95
	W. Wallace.....	do.....	32.33
	W. R. McKinnon.....	do.....	32.33
	R. G. Giffin.....	do.....	39.18
	H. A. Paul.....	do.....	107.30
	F. Tompkins.....	do.....	79.40
	Delano & Moore.....	do.....	159.98
17	The Chicago and Alton Rwy. Co.....	Passenger transportation.....	20.25
	The Chicago, Burlington and Quincy Rwy. Co.....	do.....	17.85
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	168.75
	Houston and Texas Central R. R. Co.....	do.....	2.20
	Delaware, Lackawanna and Western R. R. Co.....	do.....	6.10
	Denver and Rio Grande R. R. Co.....	do.....	36.00
	Georgia Southern and Florida Rwy. Co.....	do.....	9.81
	Atlantic and West Point R. R. Co.....	do.....	12.65
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	9.18
	do.....	do.....	6.47
	Atlantic Coast Line R. R. Co.....	do.....	25.75
	Atlantic and Birmingham R. R. Co.....	do.....	8.80
	Alabama and Great Southern R. R. Co.....	do.....	4.30
	Boston and Maine R. R. Co.....	do.....	15.25
	The Chesapeake and Ohio Rwy. Co.....	do.....	16.00
	Canadian Pacific Rwy. Co.....	do.....	33.35
	The Colorado and Southern Rwy. Co.....	do.....	108.05
	Central of Georgia Rwy. Co.....	do.....	7.00
	do.....	do.....	3.68
	Burlington and Missouri River R. R. Co.....	do.....	48.98
	Chicago and Northwestern Rwy. Co.....	do.....	12.70
	Galveston, Harrisburg and San Antonio Rwy. Co.....	do.....	25.65
18	Washington County R. R. Co.....	do.....	8.50
	Seaboard Air Line.....	do.....	35.45
	The Wabash R. R. Co.....	do.....	12.75
	Union Pacific R. R. Co.....	do.....	30.00
	do.....	do.....	41.30
	Texas and New Orleans R. R. Co.....	do.....	26.10
	Southern Rwy. Co.....	do.....	224.40
	do.....	do.....	31.40
	The Pullman Co.....	do.....	132.00
	do.....	do.....	35.00
	do.....	do.....	4.50
	do.....	do.....	59.50
	do.....	do.....	32.00
	do.....	do.....	59.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	Pennsylvania R. R. Co.....	Passenger transportation.....	\$48.05
	do.....	do.....	21.29
	The Pecos and Northern Texas Rwy. Co....	do.....	5.76
	The Oregon R. R. and Navigation Co.....	do.....	76.00
	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	9.00
	Oregon Short Line R. R. Co.....	do.....	20.05
	New Orleans and Northeastern R. R. Co.....	do.....	21.00
	National Steamship Co.....	do.....	5.00
	Louisville and Nashville R. R. Co.....	do.....	15.10
	Illinois Central R. R. Co.....	do.....	4.95
	Norfolk and Washington, D. C., Stmbt. Co..	do.....	15.00
	New York Central and Hudson River R. R. Co.....	do.....	12.30
	New York, New Haven and Hartford R. R. Co.....	do.....	9.50
	Maine Central R. R. Co.....	do.....	4.00
	Missouri, Kansas and Texas Rwy. Co.....	do.....	5.90
	do.....	do.....	7.25
	The Missouri Pacific Rwy. Co.....	do.....	37.25
	Virginia and Truckee R. R. Co.....	do.....	18.80
19	C. H. Farnum.....	Services.....	24.00
21	R. S. Hosmer.....	do.....	49.50
	C. M. Erdman.....	do.....	18.46
	W. J. Gardner.....	Traveling expenses.....	28.25
	J. A. Gowanlock.....	Storage.....	30.00
	H. E. Armstrong.....	do.....	10.00
	Amberg File and Index Co.....	File case, etc.....	63.10
	J. K. Bishop.....	Photo supplies.....	61.88
	Richardson Bros.....	Hauling.....	45.20
	Keuffel & Esser Co.....	Pocket transit.....	23.75
	J. M. Thornburn & Co.....	Seeds.....	11.50
22	C. Schneider Sons.....	Keys, etc.....	1.10
	Church & Stephenson.....	Lumber.....	106.94
	Capital Traction Co.....	Tickets.....	10.00
	Geo. E. Corbett.....	Photo supplies.....	17.50
	The J. C. Ergood Co.....	Pearline, etc.....	2.41
	The Geo. W. Knox Express Co.....	Transportation.....	.97
	J. B. Lambie & Co.....	Electric supplies.....	12.78
	D. Frank Parker.....	Stationery.....	70.50
	Rudolph West & Co.....	Manila rope.....	7.15
	Harvard Laundry Co.....	Towel service.....	4.91
	H. M. Sutter.....	Negatives.....	1.75
	J. G. Peters.....	Traveling expenses.....	144.05
	W. C. Hodge, jr.....	do.....	20.75
	L. C. Miller.....	do.....	249.85
23	E. A. Sterling.....	do.....	111.15
	W. D. Sterrett.....	do.....	130.87
	G. F. Schwarz.....	do.....	38.45
	A. K. Chittenden.....	do.....	126.68
	F. W. Reed.....	do.....	310.43
26	T. S. Woolsey, jr.....	do.....	19.31
	H. D. Scudder.....	do.....	183.45
	M. C. Jensen.....	do.....	32.80
	R. T. Fisher.....	do.....	20.50
	Southern California Rwy. Co.....	Transportation.....	4.47
	do.....	do.....	6.30
	New York Central and Hudson River R. R. Co.....	do.....	4.39
	Missouri Pacific Rwy. Co.....	do.....	13.00
	do.....	do.....	11.20
	Louisville and Nashville R. R. Co.....	do.....	27.50
	Boston and Maine R. R. Co.....	do.....	2.59
	Atlantic Coast Line R. R. Co.....	do.....	16.70
28	Jno. C. Parker.....	Stationery.....	61.15
	R. L. Marston.....	Traveling expenses.....	50.25
29	W. H. B. Kent.....	do.....	111.00
	do.....	do.....	49.85
	do.....	do.....	95.30
	do.....	do.....	46.15
	Chas. R. Edmonston.....	Paste pots.....	.96
	Wm. Brown.....	Hauling.....	2.00
	Amberg File and Index Co.....	Indexes.....	9.60
31	A. C. Rowe.....	Fire extinguishers.....	120.00
	Wm. E. Stockett & Co.....	Tags.....	8.25
	E. E. Adams.....	Services.....	25.50
	P. W. Ayers.....	do.....	25.50
	E. E. Boque.....	do.....	25.50
	J. E. Barton.....	do.....	25.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 31	J. F. Bond.....	Services.....	\$25. 50
	H. D. Burrell.....	do.....	25. 50
	G. H. Cecil.....	do.....	25. 50
	T. A. Casey.....	do.....	25. 50
	H. Davis.....	do.....	25. 50
	W. W. Everett.....	do.....	25. 50
	R. T. Fisher.....	do.....	25. 50
	E. M. Griffith.....	do.....	25. 50
	R. S. Hosmer.....	do.....	25. 50
	G. M. Homans.....	do.....	25. 50
	C. H. Hansensvald.....	do.....	25. 50
	C. D. Howe.....	do.....	25. 50
	L. Krautler, Jr.....	do.....	25. 50
	C. A. Morton.....	do.....	25. 50
	A. E. Oman.....	do.....	25. 50
	F. J. Phillips.....	do.....	25. 50
	F. M. Patton.....	do.....	25. 50
	A. H. Pierson.....	do.....	25. 50
	J. H. Ramskill.....	do.....	25. 50
	D. S. Keels.....	do.....	25. 50
	C. H. Sellers.....	do.....	25. 50
	B. J. Teasdale.....	do.....	25. 50
	J. W. Toumey.....	do.....	25. 50
	H. O. Tunis.....	do.....	25. 50
	L. L. White.....	do.....	25. 50
	J. R. Weir.....	do.....	25. 50
	J. C. Blumer.....	do.....	40. 90
	R. D. Craig.....	do.....	40. 90
	G. S. Cleland.....	do.....	40. 90
	J. D. Guthrie.....	do.....	40. 90
	E. R. Hodson.....	do.....	40. 90
	W. B. Howard.....	do.....	40. 90
	H. A. Paul.....	do.....	40. 90
	M. Rothkugel.....	do.....	40. 90
	H. D. Scudder.....	do.....	40. 90
	A. O. Waha.....	do.....	40. 90
	E. A. Ziegler.....	do.....	40. 90
	J. F. Appleby.....	do.....	51. 10
	C. Barry.....	do.....	51. 10
	T. F. Borst.....	do.....	51. 10
	C. Feagan.....	do.....	51. 10
	E. T. Greene.....	do.....	51. 10
	M. Johnson.....	do.....	51. 10
	J. E. Keach.....	do.....	51. 10
	W. H. Mast.....	do.....	51. 10
	C. O. Sparks.....	do.....	51. 10
	F. Tompkins.....	do.....	51. 10
	G. B. Sudworth et al.....	Salaries.....	5, 784. 95
	Total third quarter.....		68, 615. 80
Apr. 4	H. D. Allen.....	Services.....	25. 50
	T. Balfour.....	do.....	25. 50
	E. G. Cheyney.....	do.....	25. 50
	H. M. Hale.....	do.....	25. 50
	R. E. Benedict.....	do.....	25. 50
	A. E. Cohoon.....	do.....	61. 30
	W. G. Durbin.....	do.....	61. 30
	E. B. Fulks.....	do.....	61. 30
	H. D. Hartley.....	do.....	61. 30
	W. I. Hutchinson.....	do.....	61. 30
	M. C. Jensen.....	do.....	61. 30
	R. S. Kellogg.....	do.....	61. 30
	J. W. Riggs.....	do.....	61. 30
	C. A. Scott.....	do.....	61. 30
	S. P. Woolfolk.....	do.....	61. 30
	J. W. Warren.....	do.....	61. 30
	W. Wallace.....	do.....	61. 30
	M. Burns.....	do.....	76. 60
	M. W. Ely.....	do.....	76. 60
	W. R. McKinnon.....	do.....	76. 60
	S. Riley.....	do.....	76. 60
	R. G. Zou.....	do.....	76. 60
	J. B. Anderson.....	do.....	85. 20
	J. S. Baird.....	do.....	85. 20
	E. A. Baniff.....	do.....	85. 20
	A. W. Cooper.....	do.....	85. 20
	J. F. Clark.....	do.....	85. 20
	G. Farley.....	do.....	85. 20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 4	W. J. Gardner.....	Services.....	\$85.20
	A. F. Hawes.....	do.....	85.20
	R. P. Imes.....	do.....	85.20
	E. Koch.....	do.....	85.20
	T. P. Lukins.....	do.....	85.20
	L. C. Miller.....	do.....	85.20
	J. G. Peters.....	do.....	85.20
	W. G. Sterrett.....	do.....	85.20
	T. S. Woolsey, jr.....	do.....	85.20
	A. K. Chittenden.....	do.....	102.20
	C. S. Chapman.....	do.....	102.20
	G. E. Clement.....	do.....	102.20
	C. Du Bois.....	do.....	102.20
	R. G. Giffin.....	do.....	102.20
	W. C. Hodge, jr.....	do.....	102.20
	G. E. Marshall.....	do.....	102.20
	F. W. Reed.....	do.....	102.20
	E. A. Sterling.....	do.....	102.20
	G. F. Schwarz.....	do.....	102.20
	D. Rodman.....	do.....	40.90
	G. Alleman.....	do.....	60.00
	F. Klarpp.....	do.....	71.50
	H. J. Thompkins.....	do.....	119.20
	H. A. Smith.....	do.....	175.00
	W. J. Ward.....	do.....	11.54
	E. R. Secrist.....	do.....	18.13
	W. L. Porterfield.....	do.....	23.08
	C. H. Hall.....	do.....	37.09
	G. E. Tower.....	do.....	37.91
	J. A. Howarth.....	do.....	28.51
	A. Peck.....	do.....	28.51
	R. H. Allen.....	do.....	33.46
	G. J. Tranggott.....	do.....	33.46
	W. Burbridge.....	do.....	31.98
	B. E. Babcock.....	do.....	31.98
	C. H. Farnum.....	do.....	31.98
	L. E. Hunt.....	do.....	170.30
	T. H. Sherrard.....	do.....	170.30
	E. T. Allen.....	do.....	153.30
	S. J. Holsinger.....	do.....	153.30
	W. A. Langille.....	do.....	153.30
	A. F. Potter.....	do.....	153.30
	W. K. Hatt.....	do.....	191.60
	C. H. Herty.....	do.....	191.60
	E. S. Bruce.....	do.....	212.90
	H. von Schrenk.....	do.....	212.90
5	W. H. B. Kent.....	do.....	76.60
6	C. S. Chapman.....	Traveling expenses.....	275.06
	L. E. Hunt.....	do.....	43.35
	E. S. Bruce.....	do.....	207.94
	E. T. Greene.....	do.....	105.41
	L. L. White.....	do.....	43.85
	E. A. Ziegler.....	do.....	67.45
9	United States Express Co.....	Transportation.....	7.20
	T. E. Ludwig.....	Repairing.....	2.25
	Jno. C. Parker, estate of.....	Eraser, etc.....	42.00
	W. R. McKinnon.....	Traveling expenses.....	34.04
	W. Wallace.....	do.....	34.04
	J. S. Baird.....	do.....	30.50
	G. E. Marshall.....	do.....	73.80
	G. Farley.....	do.....	34.50
	M. Burns.....	do.....	30.50
	H. M. Hale.....	do.....	56.55
	J. F. Clark.....	do.....	103.46
	H. A. Smith.....	do.....	19.70
	J. W. Riggs.....	do.....	28.27
	R. G. Zou.....	do.....	217.27
	W. H. Mast.....	do.....	85.55
	W. L. Hall.....	do.....	28.30
	W. D. Sterrett.....	do.....	79.47
	A. K. Chittenden.....	do.....	27.89
	H. O. Tunis.....	do.....	56.37
11	G. S. Cleland.....	do.....	27.80
	M. C. Jensen.....	do.....	40.58
	C. A. Scott.....	do.....	106.04
	T. P. Lukins.....	do.....	264.03
	R. G. Giffin.....	do.....	73.63
	W. B. Howard.....	do.....	33.45
	A. F. Hawes.....	do.....	47.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 11	J. G. Peters.....	Traveling expenses.....	\$175.71
	J. W. Tourney.....	do.....	97.13
	M. P. Colbath.....	Storage.....	5.00
12	Library Bureau.....	File tray.....	17.00
	United States Envelope Co.....	Envelopes.....	4.60
	Turner, Day & Woolworth Handle Co.....	Hatchet handles.....	4.80
13	C. S. Chapman.....	Traveling expenses.....	426.26
15	W. A. Smith.....	Services.....	36.00
16	J. F. Bond.....	Traveling expenses.....	17.95
19	W. F. Hubbard.....	do.....	146.67
	J. D. Guthrie.....	do.....	85.75
	S. J. Holsinger.....	do.....	132.28
	W. K. Hatt.....	do.....	109.86
	J. W. Warren.....	do.....	101.16
	W. C. Hodge, jr.....	do.....	89.35
	C. H. Hierty.....	do.....	275.38
	E. S. Cameron.....	Horse hire.....	45.00
	Lowell Warehouse Co.....	Storage.....	43.50
20	J. K. Bishop.....	Photo supplies.....	11.26
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	Passenger transportation.....	82.50
	The Chicago and Alton Rwy. Co.....	do.....	14.40
	Texas and New Orleans R. R. Co.....	do.....	8.35
	The Chesapeake and Potomac Telephone Co.....	Service.....	104.25
	The Pennsylvania R. R. Co.....	Passenger transportation.....	27.75
	Washington, Chattanooga and St. Louis Rwy. Co.....	do.....	14.20
	Burlington and Missouri River R. R.....	do.....	6.63
	Seaboard Air Line Rwy. Co.....	do.....	5.15
21	Ernest Bruncken.....	Manuscript.....	500.00
25	Lamb & Tilden.....	Ink, etc.....	9.25
	Library Bureau.....	Cards.....	4.30
	American Type Founders Co.....	Type, etc.....	364.68
	Martin Wiegand.....	File case.....	100.00
	Remington Typewriter Co.....	Adjusting typewriter.....	25.34
	Potomac Electric Power Co.....	Current.....	.67
	Richd. Gasch & Sons.....	Repairing lock.....	1.00
	J. K. Bishop.....	Photo supplies.....	21.83
	Felt & Terrant Manufacturing Co.....	Repairing comptometer.....	11.00
	Merchants' Transfer and Storage Co.....	Labor.....	6.00
	R. P. Andrews & Co.....	Envelopes.....	57.60
	Geo. E. Corbett.....	Photo glass.....	26.25
	Delano & Moore.....	Photo supplies.....	115.79
	Harvard Laundry Co.....	Laundering towels.....	4.78
26	H. von Schrenk.....	Traveling expenses.....	94.75
	E. S. Bruce.....	do.....	46.77
	W. C. Hodge, jr.....	do.....	14.20
	C. O. Sparas.....	do.....	11.70
	G. Alleman.....	do.....	92.33
	A. D. Hopkins.....	do.....	7.40
	do.....	do.....	22.70
	G. F. Schwarz.....	do.....	2.55
27	Western Union Telegraph Co.....	Service.....	4.81
	Postal Telegraph Cable Co.....	do.....	5.27
	J. Geo. Smith.....	Penholders.....	4.10
	Potomac Electric Power Co.....	Supplies.....	4.80
	Barber & Ross.....	Cut saw, etc.....	3.50
	Woodward & Lothrop.....	Furniture.....	605.75
	Blue Line Transfer Co.....	Transportation.....	2.41
	do.....	do.....	17.36
	United States Express Co.....	do.....	8.20
	Jas. A. Nicholson & Son.....	Canvas.....	3.50
	S. P. Johnson.....	Typewriter supplies.....	4.30
	M. G. Copeland Co.....	Repairing flags.....	2.25
	District of Columbia Paper Manufacturing Co.....	Paper.....	5.94
	Barber & Ross.....	Hardware, etc.....	15.58
	Wm. Brown.....	Labor.....	2.00
28	The Yazoo and Mississippi Valley R. R. Co.....	Passenger transportation.....	4.20
	Michigan Central R. R. Co.....	do.....	3.19
	Chesapeake and Ohio Rwy. Co.....	do.....	1.71
30	G. B. Sudworth et al.....	Salaries.....	7,040.99
	E. E. Adams.....	Services.....	24.70
	E. E. Bogue.....	do.....	24.70
	W. W. Everett.....	do.....	24.70
	R. T. Fisher.....	do.....	24.70
	E. M. Griffith.....	do.....	24.70
	H. M. Hale.....	do.....	24.70
	R. S. Hosmer.....	do.....	24.70
	C. D. Howe.....	do.....	24.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 30	C. A. Norton.....	Services.....	\$24.70
	L. Krautter, jr.....	do.....	24.70
	A. E. Oman.....	do.....	24.70
	L. L. White.....	do.....	24.70
	J. D. Guthrie.....	do.....	39.60
	W. B. Howard.....	do.....	39.60
	E. A. Ziegler.....	do.....	39.60
	C. Feagan.....	do.....	49.50
	E. T. Greene.....	do.....	49.50
	W. H. Mast.....	do.....	49.50
	C. O. Sparks.....	do.....	49.50
	C. Barry.....	do.....	49.50
	H. E. Burke.....	do.....	49.50
	T. F. Borst.....	do.....	49.50
	R. E. Benedict.....	do.....	59.30
	A. E. Cohoon.....	do.....	59.30
	E. P. Fuls.....	do.....	59.30
	H. D. Hartley.....	do.....	59.30
	M. C. Jensen.....	do.....	59.30
	R. S. Kellogg.....	do.....	59.30
	J. W. Riggs.....	do.....	59.30
	C. A. Scott.....	do.....	59.30
	S. P. Woolfolk.....	do.....	59.30
	W. Wallace.....	do.....	59.30
	J. W. Warren.....	do.....	59.30
	M. Burns.....	do.....	74.20
	M. W. Fly.....	do.....	74.20
	W. H. B. Kent.....	do.....	74.20
	W. R. McKinnon.....	do.....	74.20
	S. Riley.....	do.....	74.20
	E. A. Braniff.....	do.....	82.40
	J. S. Baird.....	do.....	82.40
	A. W. Cooper.....	do.....	82.40
	J. F. Clarke.....	do.....	82.40
	H. M. Curran.....	do.....	82.40
	S. B. Detwiler.....	do.....	82.40
	G. Farley.....	do.....	82.40
	A. F. Hawes.....	do.....	82.40
	R. P. Imes.....	do.....	82.40
	E. Koch.....	do.....	82.40
	T. P. Lukens.....	do.....	82.40
	F. G. Miller.....	do.....	82.40
	J. G. Peters.....	do.....	82.40
	W. D. Sterrett.....	do.....	82.40
	T. S. Woolsey, jr.....	do.....	82.40
	C. S. Chapman.....	do.....	98.90
	A. K. Chittenden.....	do.....	98.90
	G. E. Clement.....	do.....	98.90
	C. Du Bois.....	do.....	98.90
	R. G. Giffin.....	do.....	98.90
	W. C. Hodge, jr.....	do.....	98.90
	G. E. Marshall.....	do.....	98.90
	F. W. Reed.....	do.....	98.90
	E. A. Sterling.....	do.....	98.90
	F. Klarpp.....	do.....	69.20
	G. F. Schwarz.....	do.....	69.23
	W. A. Langille.....	do.....	148.30
	A. F. Potter.....	do.....	148.30
	E. T. Allen.....	do.....	148.30
	L. E. Hunt.....	do.....	164.80
	T. H. Sherrard.....	do.....	164.80
	E. S. Bruce.....	do.....	206.00
	H. von Schrenk.....	do.....	206.00
	W. K. Hatt.....	do.....	185.45
	H. D. Langille.....	do.....	109.89
	H. J. Tompkins.....	do.....	115.40
	W. G. Durbin.....	do.....	13.85
	W. Burbridge.....	do.....	15.82
	G. H. Cecil.....	do.....	15.82
	R. V. R. Reynolds.....	do.....	19.78
	D. Rodman.....	do.....	26.37
	A. Ackerman.....	do.....	29.25
	M. Johnson.....	do.....	36.26
	J. F. Appleby.....	do.....	44.51
	H. A. Paul.....	do.....	47.48
	C. H. Herty.....	do.....	55.63
	G. Alleman.....	do.....	60.00
	W. A. Smith.....	do.....	36.00
May 2	E. A. Braniff.....	Traveling expenses.....	106.88

336 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 3	E. A. Sterling.....	Traveling expenses.....	\$90.75
4	H. D. Aller.....	Services.....	10.55
	S. J. Holsinger.....	do.....	148.30
	Eastman Kodak Co.....	Photo supplies.....	56.13
	Eugene Dietzgen Co.....	Road pen.....	4.50
	The Anthony & Scoville Co.....	Photo supplies.....	3.95
	Wells, Fargo & Co. Express.....	Transportation.....	2.15
	H. P. McBeth.....	Services.....	23.00
	W. G. Johnston & Co.....	Index.....	2.50
6	Mackall Bros.....	Soap, etc.....	17.95
	Howard S. Nyman, collector of customs.....	Duties on books.....	9.75
7	L. E. Hunt.....	Traveling expenses.....	13.75
	C. G. Crawford.....	do.....	104.75
	E. T. Greene.....	do.....	85.40
	F. Klarpp.....	do.....	22.75
	H. Grinnell.....	do.....	17.60
11	E. A. Braniff.....	do.....	200.60
	W. B. Howard.....	do.....	32.63
	T. P. Lukens.....	do.....	127.81
	C. A. Scott.....	do.....	137.44
	J. W. Warren.....	do.....	110.20
	H. A. Smith.....	do.....	32.90
	do.....	do.....	84.00
	F. Barteldes & Co.....	Seeds.....	4.75
	The Donaldson Co.....	Trees.....	1.75
	Herman Bealmear.....	Clocks.....	55.00
	Eugene Ditzgen Co.....	Tapes.....	20.10
	Amberg File and Index Co.....	Indexes, etc.....	17.42
	Sietter & Trussell Manufacturing Co.....	Unimatic covers.....	65.00
	Mallinckrodt Chemical Works.....	Photo supplies.....	30.03
12	W. H. Dyer.....	Drawing board.....	43.43
	Southern Printers' Supply Co.....	Mailing machine.....	190.44
	Ira N. Bovee.....	Services.....	35.00
	Henry Driml.....	do.....	28.00
	R. T. Fisher.....	Traveling expenses.....	32.40
	S. B. Detwiler.....	do.....	80.24
	J. W. Toumey.....	do.....	21.46
	Geo. E. Marshall.....	do.....	169.21
	J. S. Baird.....	do.....	3.50
	J. W. Riggs.....	do.....	29.00
	W. R. McKinnon.....	do.....	5.00
	R. G. Giffin.....	do.....	20.00
	G. Farley.....	do.....	75.00
13	The Geo. W. Knox Express Co.....	Transportation.....	20.96
	Adams Express Co.....	do.....	15.05
	do.....	do.....	18.30
	F. A. Schmidt.....	Reading glasses, etc.....	81.97
	Rudolph, West & Co.....	Hardware.....	28.57
	W. B. Moses & Sons.....	Chair, etc.....	27.50
	M. Du Perow.....	Electric supplies.....	50.40
	Jas. B. Lambie Co. (Incorporated).....	Brooms, etc.....	4.95
	The Maurice Joyce Engraving Co.....	Engraving.....	3.70
	W. H. Rupp Co.....	Ink, etc.....	2.65
	James B. Lambie Co. (Incorporated).....	Hardware.....	6.45
	American Writing Machine Co.....	Paper.....	11.00
	Jno. B. Espey.....	Electric supplies.....	3.00
	E. S. Newman.....	Repairing machine.....	7.00
	Barber & Ross.....	Hardware, etc.....	16.53
	Capital Traction Co.....	Tickets.....	10.00
	The J. C. Ergood Co.....	Pearline.....	2.16
	Lamb & Tilden.....	Dating stamp.....	2.50
	National Electric Supply Co.....	Supplies.....	4.00
	E. G. Schafer & Co.....	Brass pipe, etc.....	1.52
	E. Morrison Paper Co.....	Drawing materials.....	22.00
14	W. A. Smith.....	Service.....	36.00
16	W. H. B. Kent.....	Traveling expenses.....	25.55
	G. L. Clothier.....	do.....	91.57
	H. E. Burke.....	do.....	40.85
18	Edwd. Howe.....	Books.....	30.00
	Central of Georgia Rwy. Co.....	Passenger transportation.....	8.50
	The Yazoo and Mississippi Valley R. R. Co.....	do.....	6.40
	Great Northern Rwy. Co.....	do.....	4.30
	Norfolk and Washington, D. C., Steamboat Co.....	do.....	5.00
	Pere Marquette R. R. Co.....	do.....	64.93
	Seaboard Air Line Rwy.....	do.....	31.84
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	25.20
	Southern Rwy. Co.....	do.....	22.00
	Chicago and Northwestern Rwy. Co.....	do.....	148.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 18	Atlantic Coast Line R. R. Co.	Passenger transportation.	\$16.70
	do.	do.	68.71
	Pennsylvania Co.	do.	17.50
	Washington Southern Rwy. Co.	do.	13.40
	The Chesapeake and Ohio Rwy. Co.	do.	55.20
	do.	do.	12.50
	Lehigh Valley R. R. Co.	do.	10.30
	Chicago, Rock Island and Gulf Rwy. Co.	do.	11.05
	The Pecos and Northern Texas Rwy. Co.	do.	18.60
	Central R. R. Co. of New Jersey	do.	6.50
	The Oregon R. R. and Navigation Co.	do.	79.35
	Northern Pacific Rwy. Co.	do.	16.45
	Alabama and Great Southern R. R. Co.	do.	56.15
	Canadian Pacific Rwy. Co.	do.	75.50
	Texas and New Orleans R. R. Co.	do.	114.00
	Southern California Rwy. Co.	do.	170.20
	Chicago, Milwaukee and St. Paul Rwy. Co.	do.	18.60
	Louisville and Nashville R. R. Co.	do.	47.20
	Mobile and Ohio Rwy. Co.	do.	8.38
	Illinois Central R. R. Co.	do.	11.25
	do.	do.	5.70
	Clyde's St. Johns River Line.	do.	5.75
	The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	20.60
	do.	do.	18.50
	do.	do.	20.25
	The Wabash R. R. Co.	do.	14.30
19	R. L. Marston	Services	107.25
	W. K. Hatt.	Traveling expenses	18.13
	J. F. Clark	do.	97.54
	E. A. Sterling	do.	106.44
	H. M. Curran	do.	68.40
	S. P. Woolfolk	do.	28.42
21	M. C. Jensen	do.	38.40
	A. F. Hawes	do.	124.60
	E. E. Bogue	do.	21.55
	R. C. Bryant	do.	91.00
	T. J. Griffin	Transportation	2.63
23	New Union Sand Co.	Sand	32.58
	Eastman Kodak Co.	Photo supplies	101.91
24	R. C. Schaefer & Co.	Repairing	5.00
	Capital Traction Co.	Tickets	10.00
	Wm. Brown	Labor	2.00
	S. Tompkins	Services	34.62
	W. F. Hubbard	Traveling expenses	33.46
	G. Alleman	Expenses	69.00
	A. Ackerman	Traveling expenses	37.90
25	Delano & Moore	Photo supplies	48.15
26	T. F. Borst	Traveling expenses	94.47
	do.	do.	76.35
	do.	do.	76.80
	R. S. Kellogg	do.	36.48
	F. Tompkins	Service	49.50
31	W. A. Smith	do.	39.00
	G. B. Sudworth et al.	Salaries	7,720.37
June 1	E. M. Griffith	Services	27.60
	C. D. Howe	do.	27.60
	R. T. Fisher	do.	27.60
	C. A. Norton	do.	27.60
	L. L. White	do.	27.60
	R. S. Hosmer	do.	27.60
	H. M. Hale	do.	27.60
	A. E. Oman	do.	27.60
	E. E. Bogue	do.	27.60
	L. Krautter, jr.	do.	27.60
	E. E. Adams	do.	27.60
	J. D. Guthrie	do.	40.80
	W. B. Howard	do.	40.80
	E. A. Ziegler	do.	40.80
	W. Burbridge	do.	40.80
	D. Rodman	do.	40.80
	H. E. Burke	do.	51.00
	C. Barry	do.	51.00
	E. T. Greene	do.	51.00
	C. Feagan	do.	51.00
	T. F. Borst	do.	51.00
	W. A. Mast	do.	51.00
	E. B. Fuls	do.	61.40
	H. A. Paul	do.	61.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 1	R. S. Kellogg	Services	\$61.40
	S. P. Woolfolk	do.	61.40
	M. C. Jensen	do.	61.40
	R. E. Benedict	do.	61.40
	A. E. Cohoon	do.	61.40
	W. Wallace	do.	61.40
	H. D. Hartley	do.	61.40
	J. W. Warren	do.	61.40
	J. W. Riggs	do.	61.40
	C. A. Scott	do.	61.40
	F. P. Lukins	do.	85.20
	E. Koch	do.	85.20
	J. S. Baird	do.	85.20
	A. W. Cooper	do.	85.20
	G. Farley	do.	85.20
	J. F. Clarke	do.	85.20
	S. B. Detwiler	do.	85.20
	F. G. Miller	do.	85.20
	A. F. Hawes	do.	85.20
	R. P. Imes	do.	85.20
	E. A. Braniff	do.	85.20
	H. M. Curran	do.	85.20
	J. G. Peters	do.	85.20
	M. Burns	do.	76.60
	W. R. McKinnon	do.	76.60
	M. Ely	do.	76.60
	W. H. B. Kent	do.	76.60
	S. Riley	do.	76.60
	F. W. Reed	do.	102.20
	W. C. Hodge, jr.	do.	102.20
	R. G. Giffin	do.	102.20
	G. E. Marshall	do.	102.20
	C. Dubois	do.	102.20
	G. E. Clement	do.	102.20
	C. S. Chapman	do.	102.20
	A. Chittenden	do.	102.20
	E. A. Sterling	do.	102.20
	G. Alleman	do.	60.00
	H. J. Tompkins	do.	119.20
	W. K. Hatt	do.	191.60
	H. von Schrenk	do.	213.00
	E. S. Bruce	do.	213.00
	A. F. Potter	do.	153.40
	S. J. Holsinger	do.	153.40
	E. T. Allen	do.	153.40
	L. E. Hunt	do.	170.40
	T. H. Sherrard	do.	170.40
	T. Klarpp	do.	71.60
3	Rand, McNally & Co.	Maps	2.95
	Remington Typewriter Co.	Typewriter paper, etc.	40.60
	Jno. C. Rau	Electric supplies	6.90
	Jno. Pitzinger	Seeds	4.00
	Keuffel & Esser Co.	Steel rules, etc.	12.00
	United States Express Co.	Transportation	7.85
	Yawman & Erb Manufacturing Co.	Indexes, etc.	66.00
	Woodward & Lothrop	Chairs, etc.	18.15
	J. T. Thomson	Letter heads	45.00
	C. Schneider Sons	Repairing	1.00
	Felt & Tarrant Manufacturing Co.	Comptometer	125.00
	Jno. B. Espey	Asbestos	8.90
	Chas. R. Edmonston	Filter	6.40
	Eastman Kodak Co.	Photo supplies	63.14
	M. Du Perow	Electric supplies	33.01
	Wm. H. Dyer	Drawing tables, etc.	34.00
	Church & Stephenson	Lumber, etc.	128.78
	Austin Cary	Manuscript	30.00
	Barber & Ross	Hardware	9.30
	R. Carter Ballantyne	Desk pads, etc.	8.81
	R. P. Andrews & Co.	Cardboard	14.42
	Adams Express Co.	Transportation	78.44
	American Type Founders Co.	Type	239.90
	Mallinckrodt Chemical Works	Photo supplies	1.75
	Merchants Transfer and Storage Co.	Hauling	10.25
	Francis Miller	Photo supplies	36.59
	W. B. Moses & Sons	Furniture	29.50
	Lutz & Co.	Leather cases, etc.	39.25
	Lamb & Tilden	Stencil paste brush	.55
	S. Kann Sons & Co.	Cotton	12.25
	S. P. Johnson	Repairing typewriter	15.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 3	The M. Joyce Engraving Co.	Die	\$1.00
6	W. & L. E. Gurley	Calipers	30.00
11	Western Union Telegraph Co.	Service	123.35
	R. L. Marston	Services	42.25
	H. A. Smith	do	105.00
	L. E. Hunt	Traveling expenses	22.05
	W. L. Hall	do	75.34
	W. K. Hatt	do	69.00
	E. S. Bruce	do	119.50
	W. B. Howard	do	8.95
	J. W. Riggs	do	29.88
	S. P. Woolfolk	do	15.68
	R. T. Fisher	do	26.41
	M. C. Jensen	do	37.05
	J. S. Baird	do	9.50
	E. A. Braniff	do	96.94
	E. T. Greene	do	82.58
	E. Koch	do	4.00
13	J. D. Guthrie	do	81.05
	do	do	37.55
	L. Krautter, jr	do	41.95
	A. E. Oman	do	41.80
	J. F. Clark	do	66.54
	H. A. Paul	do	70.85
	G. Farley	do	41.54
	R. G. Giffin	do	42.68
	W. R. McKinnon	do	56.14
	J. W. Warren	do	128.29
	F. Tompkins	do	89.25
	M. Burns	do	15.15
	E. A. Sterling	do	110.30
	C. Feagan	do	81.55
	H. E. Burke	do	18.85
	G. E. Marshall	do	75.50
	F. G. Miller	do	45.44
15	W. A. Smith	Services	39.00
17	H. A. Smith	Traveling expenses	53.35
20	Jno. Foley	do	17.75
	S. B. Detwiler	do	71.49
	J. W. Tourney	do	58.47
	F. Klarpp	do	11.10
	A. F. Hawes	do	159.35
	C. A. Scott	do	411.17
	G. Alleman	Expenses	63.44
	The Chesapeake and Potomac Telephone Co.	Services	2.70
	M. Du Perow	Electric supplies	23.10
	Eugene Dietzgen Co.	Paper cutter, etc.	8.15
	Jno. C. Parker	Stationery	70.36
	Adams Express Co.	Transportation	12.70
	Wm. H. Dyer	Drawing table	25.00
	Henry Driml	Services	28.00
	Ira N. Bovee	do	35.00
	Wm. Brown	Labor	2.00
	Swayze, Bailey & Co.	Stationery	20.00
	Union City Transfer Co.	Storage	2.75
	Western Union Telegraph Co.	Service	17.07
	Walter A. Zelincker Supply Co.	Hose	26.50
21	T. H. Sherrard	Traveling expenses	154.05
	T. P. Lukens	do	71.78
22	Rufus B. Merchant	Maps	5.60
25	G. E. Clement	Traveling expenses	115.65
29	Compton Heights Plumbing Co.	Gas and water supplies	20.84
	do	Services	18.00
	S. S. Shedd & Bros. Co.	Plumbing, etc.	128.95
	Southern Printers Supply Co.	Type	3.00
	The Donaldson Co.	Trees	5.00
	Delano & Moore	Photo supplies	49.25
	J. W. Faucett	Window shades	2.50
	Mallinckrodt Chemical Works	Chemicals	21.80
	Byron S. Adams	Tags	1.75
	R. C. M. Burton & Son	Covering awnings	18.00
	R. P. Clarke Co.	Towels	11.70
	Holmes & Co.	Tubing	2.16
30	W. A. Smith	Services	30.00
	G. B. Sudworth et al	Salaries	7,041.26
	Total fourth quarter		56,860.61

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. July 1	<i>Supplemental.</i>		
	C. D. Howe	Services	\$24.70
	E. M. Griffith	do	24.70
	L. Krautter, jr	do	24.70
	A. E. Oman	do	24.70
	R. S. Hosmer	do	24.70
	H. M. Hale	do	24.70
	L. L. White	do	24.70
	E. E. Bogue	do	24.70
	R. T. Fisher	do	24.70
	E. A. Ziegler	do	39.36
	J. D. Guthrie	do	39.36
	A. O. Waha	do	39.36
	A. S. Peck	do	39.36
	W. B. Howard	do	39.36
	H. E. Burke	do	49.50
	J. L. Webb	do	49.50
	C. Barry	do	49.50
	C. Feagan	do	49.50
	E. T. Greene	do	49.50
	W. H. Mast	do	49.50
	T. F. Borst	do	49.50
	R. S. Kellogg	do	59.30
	W. Wallace	do	59.30
	E. B. Fuls	do	59.30
	M. C. Jensen	do	59.30
	H. A. Paul	do	59.30
	C. A. Scott	do	59.30
	J. H. Hatton	do	59.30
	J. W. Warren	do	59.30
	J. W. Riggs	do	59.30
	A. E. Cahoon	do	59.30
	R. E. Benedict	do	59.30
	R. V. R. Reynolds	do	59.30
	M. Burns	do	74.20
	W. R. McKinnon	do	74.20
	M. W. Ely	do	74.20
	W. H. B. Kent	do	74.20
	S. Riley	do	74.20
	L. C. Miller	do	82.40
	T. P. Lukens	do	82.40
	J. S. Baird	do	82.40
	J. F. Clarke	do	82.40
	F. G. Miller	do	82.40
	R. P. Imes	do	82.40
	G. Farley	do	82.40
	A. F. Hawes	do	82.40
	E. A. Braniff	do	82.40
	A. W. Cooper	do	82.40
	H. M. Curran	do	82.40
	J. G. Peters	do	82.40
	E. Koch	do	82.40
	S. B. Detwiller	do	82.40
	E. A. Stirling	do	98.90
	G. E. Marshall	do	98.90
	R. G. Giffin	do	98.90
	G. E. Clement	do	98.90
	C. S. Chapman	do	98.90
	H. C. Hodge, jr	do	98.90
	A. K. Chittenden	do	98.90
	F. W. Reed	do	98.90
	C. DuBois	do	98.90
	E. T. Allen	do	148.30
	S. J. Holsinger	do	148.30
	L. E. Hunt	do	164.80
	T. H. Sherrard	do	164.80
	H. von Schrenk	do	206.00
	E. S. Bruce	do	206.00
	W. K. Hatt	do	185.45
	G. Alleman	do	60.00
	H. J. Tompkins	do	115.40
	F. Klarpp	do	69.20
	H. A. Smith	do	133.00
	H. W. Everett	do	50.30
	F. Tompkins	do	100.50
	B. E. Babcock	do	7.91
	C. A. Norton	do	8.24
	C. A. Lyford	do	10.99
	W. Mulford	do	16.25
	J. M. Fetheroff	do	19.23

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment:	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 1	W. Burbridge.....	Services.....	\$23.74
	J. F. Baker.....	do.....	32.97
	G. E. Tower.....	do.....	34.62
	H. P. Baker.....	do.....	55.38
	R. B. Wilson.....	do.....	63.19
	A. Gaskill.....	Traveling expenses.....	247.70
	H. S. Graves.....	do.....	51.55
	W. B. Howard.....	do.....	47.50
	L. E. Hunt.....	do.....	50.19
	E. E. Bogue.....	do.....	19.46
5	W. F. Hubbard.....	do.....	17.90
	R. D. Craig.....	do.....	38.99
	A. O. Waha.....	do.....	27.70
	do.....	do.....	27.62
	H. A. Smith.....	do.....	19.90
6	A. E. Braniff.....	do.....	160.43
	S. P. Woolfolk.....	do.....	50.88
	E. T. Greene.....	do.....	92.32
	W. Mulford.....	do.....	33.60
	J. P. Wentling.....	Service.....	2.64
	A. Akerman.....	do.....	9.75
8	Clark & Davenport.....	Rubber treads.....	86.69
9	S. P. Woolfolk.....	Service.....	59.30
	Z. L. Bliss.....	do.....	28.02
	H. von Schrenk.....	Expenses.....	154.00
14	C. A. McCue.....	Services.....	27.42
	A. F. Potter.....	do.....	148.30
	A. F. Hawes.....	Traveling expenses.....	289.88
	W. R. McKinnon.....	do.....	89.47
	W. I. Hutchinson.....	do.....	17.20
	R. T. Fisher.....	do.....	5.85
	G. B. Sudworth.....	do.....	69.32
	E. A. Sterling.....	do.....	101.05
	T. P. Lukins.....	do.....	114.82
	M. Burns.....	do.....	40.45
	J. S. Baird.....	do.....	36.04
	L. C. Miller.....	do.....	56.55
	R. E. Benedict.....	do.....	56.55
	W. Wallace.....	do.....	63.99
	J. W. Riggs.....	do.....	18.95
15	Z. L. Bliss.....	do.....	20.01
	do.....	do.....	2.96
	do.....	do.....	49.47
	G. W. Woodruff.....	do.....	37.50
	E. S. Bruce.....	do.....	137.50
	J. F. Baker.....	do.....	14.75
	G. E. Marshall.....	do.....	39.75
	H. von Schrenk.....	Expenses.....	10.00
18	R. S. Kellogg.....	Traveling expenses.....	24.45
	C. A. Scott.....	do.....	120.19
	C. DuBois.....	do.....	70.43
	R. V. R. Reynolds.....	do.....	92.70
	W. T. Cox.....	do.....	46.15
	Church & Stephenson.....	Lumber.....	221.18
	Z. D. Gilman.....	Bottles.....	7.06
	Hydrographic Office.....	Charts.....	26.10
	Potomac Electric Power Co.....	Current.....	11.40
	Capital Traction Co.....	Car tickets.....	10.00
19	Jno. Underwood & Co.....	Carbon paper.....	22.56
	Queen & Co. (Incorporated).....	Thermometers.....	9.80
	The Okonite Co. (Limited).....	Supplies.....	6.25
	Lufkin Rule Co.....	Rules, etc.....	2.80
	Keystone Blue Paper Co.....	Lamps.....	180.00
	Library Bureau.....	Cards, etc.....	36.68
	Eberhard Faber.....	Erasers.....	2.36
	Carter, Rice & Co.....	Wrapping paper.....	7.20
	Eugene Deltzen Co.....	Paper cutter.....	.65
	Emery Davis.....	Inkstands.....	14.40
	Elliot Electric Blue Print Co.....	Wringers.....	89.00
	Eastman Kodak Co.....	Photo supplies.....	61.23
	Swayze Bailey Co.....	Fountain pen, etc.....	5.20
	American Type Founders Co.....	Printers' supplies.....	16.61
	Amberg File and Index Co.....	Indexes.....	8.15
20	I. N. Bovee.....	Services.....	35.00
	R. L. Marston.....	do.....	26.00
	R. G. Giffin.....	Traveling expenses.....	70.68
	S. Riley.....	do.....	59.15
	J. H. Halton.....	do.....	29.12

342 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904			
July 20	S. J. Holsinger.....	Traveling expenses.....	\$56.00
	G. E. Clement.....	do.....	6.75
	F. G. Miller.....	do.....	40.44
	United States Express Co.....	Transportation.....	10.15
	The Baltimore and Ohio R. R. Co.....	Passenger transportation.....	52.90
	The Chesapeake and Potomac Telephone Co.....	Service.....	104.25
	E. Morrison Paper Co.....	Stationery.....	22.75
	Francis Miller.....	Oil, etc.....	29.37
	Mackall Bros.....	Photo supplies.....	47.86
	Jas. B. Lambie Co. (Incorporated).....	Excelsior.....	6.00
	Lutz & Co.....	Cases, etc.....	60.00
	Lamb & Tilden.....	Racks.....	3.40
	The Geo. W. Knox Express Co.....	Transportation.....	2.35
	S. Kann's Sons & Co.....	Cloth, etc.....	18.30
	Louis Hartig.....	Iron.....	.66
	Giddings & Steele.....	Rugs.....	9.30
	The J. C. Ergood Co.....	Pearline.....	2.16
	Chas. R. Edmonston.....	Glasses, etc.....	5.08
	W. H. Dyer.....	Drawing table, etc.....	43.20
	Densmore Typewriter Co.....	Typewriter.....	87.50
	Geo. E. Corbett.....	Plate glass.....	.50
	Barber & Ross.....	Hardware.....	56.90
	Wm. Brown.....	Labor.....	2.00
	R. Carter Ballantyne.....	Pens, etc.....	65.25
	Remington Typewriter Co.....	Typewriter, etc.....	133.30
	Pope Manufacturing Co.....	Bicycle.....	40.00
	Geo. F. Muth & Co.....	Varnish, etc.....	184.62
	Fred A. Schmidt.....	Drawing materials.....	184.01
	H. B. Trippe.....	Altering locks.....	34.00
	Underwood Typewriter Co.....	Typewriter, etc.....	126.25
	J. T. Walker's Sons.....	Tar.....	.35
23	A. F. Potter.....	Traveling expenses.....	120.50
	H. J. Tompkins.....	do.....	52.65
	F. Klapp.....	do.....	13.78
	C. Feagan.....	do.....	47.85
	M. C. Jensen.....	do.....	36.65
	H. von Schrenk.....	do.....	66.86
	J. D. Guthrie.....	do.....	88.20
	Terre Haute and Indianapolis R. R. Co.....	Passenger transportation.....	38.50
	The Pennsylvania R. R. Co.....	do.....	54.50
	do.....	do.....	5.30
	do.....	do.....	68.00
	Southern Rwy. Co.....	do.....	71.40
	do.....	do.....	20.00
26	Delano & Moore.....	Photo supplies.....	318.29
30	Columbia Southern Rwy. Co.....	Passenger transportation.....	3.15
	Gulf Colorado and Santa Fe Rwy. Co.....	do.....	21.75
	Southern California R. R. Co.....	do.....	3.00
	Seaboard Air Line Rwy. Co.....	do.....	18.92
	Chicago and Northwestern Rwy. Co.....	do.....	32.10
	Central of Georgia Rwy. Co.....	do.....	4.43
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	27.50
	St. Louis and San Francisco R. R. Co.....	do.....	8.20
	The New York, New Haven and Hartford R. R. Co.....	do.....	5.00
	Great Northern Rwy. Co.....	do.....	17.20
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	19.55
	The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	87.60
	The Chicago and Alton Rwy. Co.....	do.....	7.50
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	18.29
	Southern California Rwy. Co.....	do.....	3.00
	The Kansas City Southern Rwy. Co.....	do.....	4.70
	Mobile and Ohio R. R. Co.....	do.....	11.70
	Texas and New Orleans R. R. Co.....	do.....	45.35
	New York Central and Hudson River R. R. Co.....	do.....	11.35
	Ann Arbor R. R. Co.....	do.....	10.40
	Atlantic Coast Line.....	do.....	29.21
	do.....	do.....	3.65
	Chesapeake and Ohio Rwy. Co.....	do.....	11.40
	Burlington and Missouri River R. R.....	do.....	23.80
	Illinois Central R. R. Co.....	do.....	5.70
	Union Pacific R. R. Co.....	do.....	3.55
Aug. 1	E. B. Foulks.....	Traveling expenses.....	130.20
	H. A. Paul.....	do.....	32.80
	W. K. Hatt.....	do.....	165.13
	J. W. Warren.....	do.....	122.38
	A. Gaskill.....	do.....	91.44

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904			
Aug. 1	G. E. Town.....	Traveling expenses.....	\$141.75
	C. S. Jones.....	Horses.....	350.00
	American Writing Machine Co.....	Letter paper, etc.....	83.05
2	C. O. Sparks.....	Traveling expenses.....	18.50
	do.....	do.....	8.50
	J. W. Toumey.....	do.....	27.29
	J. M. Petheroff.....	do.....	31.99
3	Woodward & Lothrop.....	Water cooler, etc.....	77.65
	Mary E. Parker, executrix.....	Desk pads.....	84.31
	M. Du Perow.....	Electric supplies.....	13.28
	National Electric Supply Co.....	Desk fans.....	134.40
	Potomac Electric Power Co.....	Current.....	.81
	D. Frank Parker.....	Carbon paper, etc.....	166.27
	R. P. Andrews & Co.....	Stationery, etc.....	140.56
	R. C. M. Burton & Son.....	Awnings.....	31.00
	J. E. Hurley.....	Lumber.....	20.20
	The Maurice Joyce Engraving Co.....	Engravings.....	2.17
	The M. Lindsay Rubber Co.....	Tubing.....	2.70
6	J. F. Clarke.....	Traveling expenses.....	30.75
11	J. S. Guthrie.....	do.....	112.00
	E. Koch.....	do.....	65.10
12	C. O. Sparks.....	Services.....	51.00
16	F. Tompkins.....	Traveling expenses.....	10.25
	W. T. Cox.....	Services.....	18.13
17	W. H. Rupp Co.....	Baskets, etc.....	29.68
	National Electric Light Co.....	Electric supplies.....	2.28
	Rudolph, West & Co.....	Waste baskets, etc.....	32.50
	Carey Machine and Supply Co.....	Jointer.....	146.00
	Buckstaff Bros. Manufacturing Co.....	Harness, etc.....	31.66
	Geo. Shilling.....	Repairs.....	39.15
18	W. & L. E. Gurley.....	Leather punches.....	33.50
	Felt & Tarrent Manufacturing Co.....	Compometer.....	450.00
	J. H. Wagenhurst Co.....	Photo. supplies.....	340.00
	Wells, Fargo & Co. Express Co.....	Transportation.....	3.15
	do.....	do.....	20.91
	do.....	do.....	2.20
	C. H. Hall.....	Services.....	70.50
	Henry Heil Chemical Co.....	Carbolic acid.....	2.00
26	Western Union Telegraph Co.....	Service.....	27.15
27	R. P. Imes.....	Traveling expenses.....	79.29
Sept. 2	Henry Grinnell.....	do.....	74.00
14	United States Express Co.....	Transportation.....	51.46
16	Wm. Walter.....	Repairs.....	10.20
19	Lake Shore and Michigan Southern Rwy. Co.....	Passenger transportation.....	12.50
	Boston and Maine R. R. Co.....	do.....	5.60
	do.....	do.....	24.15
	Nashville, Chattanooga and St. Louis Rwy. Co.....	do.....	19.75
	The Pennsylvania R. R. Co.....	do.....	49.72
	do.....	do.....	23.00
	do.....	do.....	195.35
	Oregon Short Line R. R. Co.....	do.....	21.10
	Atlantic Coast R. R. Co.....	do.....	11.30
	Burlington and Missouri River R. R.....	do.....	17.86
	do.....	do.....	14.91
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	10.55
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	12.35
	Denver and Rio Grande R. R. Co.....	do.....	40.90
	The Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	54.90
	The Texas and Pacific Rwy. Co.....	do.....	26.25
	The Baltimore and Ohio R. R. Co.....	do.....	26.00
	do.....	do.....	661.21
	The Pullman Co.....	do.....	5.00
	do.....	do.....	40.50
	The Chesapeake and Ohio Rwy. Co.....	do.....	52.00
	do.....	do.....	267.80
	Washington Southern Rwy. Co.....	do.....	11.30
	The Atchison, Topeka and Santa Fe Rwy. Co.....	Transportation.....	14.30
	Gila Valley, Globe and Northern Rwy. Co.....	Passenger transportation.....	5.65
	Grand Trunk Rwy. System.....	do.....	2.30
	Clyde's St. John Road Line.....	do.....	3.00
	Terre Haute and Indianapolis R. R. Co.....	do.....	7.40
	Delaware, Lackawanna and Western Rwy. Co.....	do.....	21.25
	Northern Pacific Rwy. Co.....	do.....	34.40
	Great Northern Rwy. Co.....	do.....	12.00
	Georgia Southern and Florida Rwy. Co.....	do.....	4.35
	Missouri Pacific Rwy. Co.....	do.....	23.30
	The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	17.50

344 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Sept. 19	The New York, New Haven and Hartford R. R. Co.	Passenger transportation.....	\$29.45
	The Oregon R. R. and Navigation Co.	.....do.....	2.60
	Michigan Central Rwy. Co.	.....do.....	14.85
	Missouri, Kansas and Texas Rwy. Co.	.....do.....	15.85
	.....do.....	.....do.....	24.45
20	J. T. Thomson.	Letterheads.....	45.00
	Keuffel & Esser Co.	Compasses, etc.	207.84
	W. B. Moses & Sons.	Chairs.....	150.90
	Adams Express Co.	Transportation.....	21.10
	The Geo. W. Knox Express Co.	.....do.....	18.93
22	T. F. Borst.	Traveling expenses.....	24.60
24	Western Union Telegraph Co.	Service.....	9.89
	Loshe Patent Door Co.	Painting tables.....	4.00
28	Loren E. Hunt.	Expenses.....	28.52
	Total.....		18,816.84

RECAPITULATION.

First quarter.....	\$62,784.38
Second quarter.....	75,848.64
Third quarter.....	68,615.80
Fourth quarter.....	56,860.61
Supplemental.....	18,816.84
Total.....	282,926.27

FORESTRY INVESTIGATION—DEFICIENCY ACT APPROVED APRIL 27, 1904—TESTING TIMBER, LOUISIANA PURCHASE EXPOSITION.

Date.	Name.	Nature of payment.	Total.
1904.			
June 15	W. K. Hatt.....	Traveling expenses.....	\$44.68
	Total, fourth quarter, 1903.....		44.68
July 1	M. Cline.....	Services.....	60.00
	G. W. Noyes.....	.....do.....	115.38
	H. D. Hartley.....	.....do.....	100.00
	W. P. Turner.....	.....do.....	54.15
20	Geo. E. Clement.....	Traveling expenses.....	5.50
23	W. K. Hatt.....	.....do.....	88.35
30	The Wabash R. R. Co.	Passenger transportation.....	18.30
Aug. 1	G. W. Noyes.....	Services.....	100.00
	M. Winchester.....	.....do.....	83.33
6	G. E. Clement.....	Traveling expenses.....	45.67
8	M. Cline.....	Service.....	60.00
	H. D. Hartley.....	.....do.....	100.00
Sept. 1	M. Cline.....	.....do.....	100.00
	H. D. Hartley.....	.....do.....	100.00
	G. W. Noyes.....	.....do.....	100.00
	M. Winchester.....	.....do.....	83.33
17	Henry Taylor Lumber Co.	Frame stand.....	3.60
	Barwick Construction Co.	Erecting house, etc.	355.70
	.....do.....	Erecting shed, etc.	336.65
19	The Wabash R. R. Co.	Passenger transportation.....	14.25
20	Edwd. F. Paddock.	Services.....	50.00
	W. K. Hatt.....	Traveling expenses.....	50.70
24	C. E. Faris.....	Services.....	22.50
	W. E. Owen.....	.....do.....	40.00
	J. M. Pavlick.....	.....do.....	23.70
	Daniel Shine.....	.....do.....	55.00
	The St. Louis Painting Co.	Services, painting, etc.	46.50
	C. W. Hoffman.....	Services.....	69.00
	C. E. Faris.....	.....do.....	75.00
	A. M. Beckers Lumber Co.	Lumber.....	12.60
	The Garlock Packing Co.	Packing.....	33.60
	Jas. Sarensen.....	Services.....	57.50
	The Bell Telephone Co.	Service.....	30.00
26	W. E. Owen.....	.....do.....	50.00
28	G. E. Clements.....	Traveling expenses.....	35.11
	W. K. Hatt.....	.....do.....	66.00
	Total first quarter, 1904.....		2,601.42

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FORESTRY INVESTIGATION—RENT OF BUILDINGS.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 7	The Atlantic Building Co. Emmons S. Smith	Rent, July to September, 1903. do	\$1,773.40 67.50
	Total second quarter, 1904.		1,840.90
1904. Jan. 7	The Atlantic Building Co. Emmons S. Smith	Rent, October to December, 1903. do	2,368.75 67.50
	Total third quarter, 1904.		2,436.25
Apr. 4	The Atlantic Building Co. Emmons S. Smith	Rent, January to March, 1904. do	2,413.75 67.50
9	Merchants' Transfer and Storage Co.	Rent, March	15.00
	Total fourth quarter, 1904.		2,496.25
	Supplemental.		
July 2	The Atlantic Building Co.	Rent, April to June, 1904.	2,413.75
5	Emmons S. Smith	do	67.50
	Merchants' Transfer and Storage Co.	do	45.00
	Total.		2,526.25

RECAPITULATION.

Second quarter	\$1,840.90
Third quarter	2,436.25
Fourth quarter	2,496.25
Supplemental	2,526.25
Total	9,299.65

FORESTRY INVESTIGATIONS—PAID BY TREASURY.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 21	New York Central and Hudson River R. R. Co. Boston and Maine R. R. Co. Pennsylvania R. R. Co.	Passenger transportation. do	\$323.35 175.30 78.75
Oct. 26	New York, New Haven and Hartford R. R. Co. The Public Printer	do	138.00
Nov. 14	The Atchison, Topeka and Santa Fe Rwy. Co. Southern Pacific Co. Union Pacific Rwy. Co. Southern Pacific Co.	Printing Circular No. 22. Passenger transportation. do	34.75 144.10 20.00 30.00
Dec. 19	Southern Pacific Co. The Atchison, Topeka and Santa Fe Rwy. Co.	do	126.79 143.05
1904. Jan. 15	Southern Pacific Co.	do	223.08
Feb. 10	The Public Printer	Printing Bulletins Nos. 7, 13, and 37.	1,076.81
17	The Atchison, Topeka and Santa Fe Rwy. Co. The Geo. W. Knox Express Co. Blue Line Transfer Co.	Passenger transportation. Transportation	155.50 30.79 2.05
Mar. 4	The Public Printer	do	409.50
	The Geo. W. Knox Express Co. The Atchison, Topeka and Santa Fe Rwy. Co. Southern Pacific Co.	Printing Bulletins Nos. 26 and 31. Transportation	8.61 77.75 702.90
Feb. 12	do	Passenger transportation	837.30
Apr. 14	Blue Line Transfer Co.	do	8.10
June 15	Baltimore and Ohio R. R. Co. The Public Printer	do	21.83 52.55
Sept. 7	do	Printing Circular No. 26.	841.75
	do	Printing Circulars Nos. 48 and 50.	2,656.79
Oct. 1	Southern Pacific Co.	Passenger transportation	78.30
	do	do	295.85
	do	do	121.67
	do	do	416.10
	Sierra Rwy. of California	do	5.50
	The Public Printer	Printing Bulletin No. 48.	571.69
	do	Printing Circular No. 30.	478.35
	do	Printing Circulars Nos. 29 and 31.	595.55
	Total.		10,912.44

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FUEL, LIGHT, AND REPAIRS, WEATHER BUREAU, 1904.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	J. L. Weber & Co.	Soap polish.	\$12.00
	W. H. Dyer.	Door jamb, etc.	22.50
Aug. 6	J. B. Lambie Co. (Incorporated).	Wire.	18.00
	Francis Miller.	Glass.	1.67
	T. J. Donovan.	Repairing roof.	2.00
15	The E. T. Brooks Co.	Electric appliance.	9.00
	M. Du Perow.	Desk.	4.00
	Welsbach Co.	Droplight.	5.00
	John Moran.	Repairing roof, etc.	28.75
	Geo. F. Muth & Co.	Oil.	3.30
24	do.	Paint.	1.68
	do.	do.	2.75
	do.	do.	1.75
	Washington Gaslight Co.	Gas.	30.90
	W. H. Dyer.	Corner strips.	6.00
	Hutton & Hilton.	Paris green.	1.25
	William Gollan.	Repairing plastering.	5.00
	W. J. Zeh.	Coal.	199.68
	James Linskey & Sons.	Frescoing and calcimining.	105.00
	do.	Painting.	20.00
	do.	Varnishing.	2.00
	do.	Calcimining.	40.00
	do.	Molding.	4.00
	John Moran.	Pickaxes.	2.00
	do.	Forge equipment.	8.00
	do.	Spigots.	1.00
	Rudolph, West & Co.	Lawn mower.	10.25
	M. Du Perow.	Electric-light brackets.	2.64
	Hugh Reilly.	Brushes.	5.99
31	Thomas R. Fowler.	Hauling ashes.	10.25
Sept. 9	Notley Anderson.	Repairing building.	600.00
15	Francis Miller.	Glass.	7.92
	John Moran.	Lime.	1.00
	Thos. Somerville & Sons.	Radiator.	9.60
	Washington Gaslight Co.	Gas.	24.20
	James B. Lambie Co. (Incorporated).	Hose and coupling.	4.75
22	J. H. Corning.	Mantle, hearth, and grate.	197.77
30	Thomas R. Fowler.	Hauling ashes.	9.75
	Total first quarter.		1,420.75
Oct. 3	James Linskey & Sons.	Painting and calcimining.	135.00
12	J. T. Walker & Son.	Roof paste.	1.00
	Church & Stephenson.	Lumber.	58.50
	Geo. F. Muth & Co.	Putty.	1.01
	do.	Turpentine.	5.80
	James B. Lambie Co. (Incorporated).	Zinc.	1.20
	National Electrical Supply Co.	Electrical supplies.	17.18
15	T. R. Fowler.	Hauling ashes.	8.25
24	Francis Miller.	Oil.	4.60
	do.	Glass.	2.26
	National Electrical Supply Co.	Lamps.	7.68
	Barber & Ross.	Water trough.	4.70
	John Moran.	Repairs to plumbing.	2.00
	E. G. Schafer & Co.	Radiator valve.	2.50
	Washington Gaslight Co.	Gas.	18.20
	Instantaneous Fire Alarm Co.	Rent of fire-alarm boxes.	12.50
31	Thos. Somerville & Sons.	Pipe fittings.	1.64
	Church & Stephenson.	Lumber.	3.00
	Francis Miller.	Linseed oil.	4.60
	Thos. R. Riley.	Lumber.	2.24
	P. Mann & Co.	Fertilizer.	4.00
	M. Du Perow.	Electrical supplies.	5.06
Nov. 10	Washington Gaslight Co.	Gas.	10.60
19	T. R. Riley.	Lumber.	2.90
	Thos. Somerville & Sons.	Brass cap.	1.00
	John Moran.	Repairing closet, etc.	40.45
	do.	Marble slab.	16.00
	James Linskey & Sons.	Repairing door.	2.00
	Johnson Bros.	Wood.	6.94
	Wm. J. Zeh.	Coal.	6.25
	do.	do.	200.57
	Geo. F. Muth & Co.	Turpentine.	2.90
	Francis Miller.	Lampblack.	1.00
	James B. Lambie Co. (Incorporated).	Door spring.	3.35
24	Rudolph, West & Co.	Garden rakes. ....	.80
	Wm. J. Dyer.	Corner strips.	1.50
	Geo. F. Muth & Co.	Japan dryer.	1.05
30	Reading Coal Co.	Coal.	4.82
	Francis Miller.	Glass.	2.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FUEL, LIGHT, AND REPAIRS, WEATHER BUREAU, 1904—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 30	Francis Miller	Oil	\$2.30
	James B. Lambie Co. (Incorporated)	Door locks	4.55
	Geo. F. Muth & Co.	Oil	1.50
	Thomas R. Fowler	Hauling ashes	4.63
Dec. 5	A. C. Rowe	Fire extinguisher	96.00
14	Welsbach Co.	Mantels and chimneys	4.50
	Wm. J. Zeh	Fuel	200.79
	Louis Hartig	Hardware	3.60
	Washington Gaslight Co.	Gas	12.20
31	Francis Miller	Oil	2.30
	Thomas Somerville & Sons	Galvanized pipe, etc.	1.45
	John Moran	Cement	1.25
	do.	Repairs to sink	16.25
	Geo. F. Muth & Co.	Oil	1.50
	Hugh Reilly	Painting materials	8.50
	Thomas R. Fowler	Hauling ashes	5.75
	Total second quarter		974.12
1904.			
Jan. 14	Washington Gaslight Co.	Gas	20.00
18	Chamberlain Metal Weather Strip Co.	Weather strips	6.00
	Wm. J. Zeh	Coal	6.36
	do.	do.	202.29
	do.	do.	6.64
23	Keasbey & Mattison Co.	Magnabestos covering	7.20
	do.	Felt	5.25
31	Francis Miller	Glass	1.60
	Mackall Bros.	Welsbach burners	2.28
	M. Du Perow	Repairs to electric-light fixtures	6.92
	Wm. J. Zeh	Coal	206.62
	T. R. Fowler	Hauling ashes	12.75
Feb. 10	Washington Gaslight Co.	Gas	23.50
	Wm. J. Zeh	Coal	6.25
	do.	do.	202.58
	Collector of taxes, District of Columbia	Underground conduit	186.47
13	F. G. Nolte	Cleaning stairway, etc.	43.00
	do.	Painting door frames and walls	7.00
	John Moran	Stove grates	5.00
18	C. A. Muddiman & Co.	Electric fixtures	12.00
	E. G. Schafer & Co.	Valves	1.85
	T. R. Fowler	Fertilizer	40.00
19	do.	Hauling ashes	7.50
23	Keasbey & Mattison Co.	Asbestos covering for pipes	3.60
	The Okonite Co. (Limited)	Copper wire	11.12
29	Francis Miller	Glass	1.07
	C. A. Muddiman & Co.	Gas fixtures	10.00
	J. T. Walker Sons	Cement	4.00
	Johnson Bros.	Wood	6.94
	Instantaneous Fire Alarm Co.	Rent of fire-alarm boxes	12.50
	Wm. H. Dyer	Door panels, posts, etc.	16.00
	James B. Lambie Co. (Incorporated)	Door spring	4.00
	do.	Steel bits, etc.	1.95
	Rudolph, West & Co.	Doorknobs	4.90
	Geo. F. Muth & Co.	Oil	1.50
	M. Du Perow	Electric-light apparatus	16.71
Mar. 11	H. D. Hutton	Coal	7.00
	Cozzens Bros.	Setting door in wall	34.00
	Wm. J. Zeh	Coal	279.40
15	T. R. Fowler	Hauling ashes	14.50
23	Rudolph, West & Co.	Corrugated metal ceiling	29.80
	Francis Miller	Plate glass	4.50
	do.	Glass	1.50
	Washington Gaslight Co.	Gas	25.70
	Wm. J. Zeh	Coal	44.43
	do.	do.	6.56
	do.	do.	282.49
	Church & Stephenson	Lumber	7.68
31	Francis Miller	Glass	1.50
	Total third quarter		1,852.41
Apr. 18	Washington Gaslight Co.	Gas	11.80
	T. R. Fowler	Hauling rubbish	12.75
30	Wm. J. Zeh	Coal	309.88
	do.	do.	6.42
	do.	do.	253.52
	John Moran	Padlocks	1.00
	do.	Valley for roof	19.60
	Rudolph, West & Co.	Spout	3.50

348 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FUEL, LIGHT, AND REPAIRS, WEATHER BUREAU, 1904—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 30	Rudolph, West & Co.	Sharpening lawn mowers.	\$2.00
	National Electrical Supply Co.	Incandescent lamps, etc.	4.72
	Hugh Reilly	Glass.	.50
	Mutual District Messenger Co.	Fire-alarm boxes.	12.50
	James B. Lambie Co. (Incorporated)	Locks, etc.	10.32
	do.	Locks and night latches.	13.60
	Francis Miller	Glass.	.66
	do.	do.	1.68
	James Linsey & Sons.	Refinishing woodwork.	20.00
	Forsberg & Murray	Door locks.	16.00
May 11	T. R. Fowler.	Hauling soil and sod.	10.00
	S. S. Shedd & Bro. Co.	Lighting apparatus.	9.00
	Washington Gaslight Co.	Gas.	26.90
	James Linsey & Sons.	Cleaning and painting walls.	20.00
	Mackall Bros.	Welsbach burners.	4.56
17	E. L. Barclay.	Ridding building of rats.	10.00
	Colt's Patent Fire Arms Manufacturing Co.	Revolver and holster.	12.00
	Cozzens Bros.	Repairing driveway.	13.60
	Barber & Ross.	Iron bars, rivets, etc.	15.90
21	E. G. Schafer & Co.	Solder.	1.65
	T. R. Fowler.	Hauling ashes.	11.75
	do.	Sod.	3.00
31	Wm. J. Zeh.	Coal.	276.64
	H. D. Hutton.	do.	6.60
June 3	Francis Miller.	Glass.	3.13
	John Moran.	Wire netting.	1.10
	do.	Padlocks.	4.00
	Church & Stephenson.	Shelving and joist.	7.20
	do.	do.	8.00
	Rudolph, West & Co.	Cartridges.	2.15
15	F. Miller.	Glass.	1.60
	J. B. Lambie Co. (Incorporated).	Key rings and padlocks.	6.45
	do.	Key tags, rings, etc.	2.30
22	Washington Gaslight Co.	Gas.	26.30
	Francis Miller.	Glass.	3.64
	M. Du Perow.	Portable brackets.	4.24
30	Wm. J. Zeh.	Coal.	278.27
	T. R. Fowler.	Hauling ashes and rubbish.	12.75
	Total fourth quarter.		1,483.18
	<i>Supplemental.</i>		
July 7	Church & Stephenson.	Cedar posts.	2.00
	Thos. Somerville & Sons.	Drain tile.	1.71
12	Geo. F. Muth & Co.	Paint.	3.19
	J. B. Lambie Co. (Incorporated).	Plates for door.	1.00
31	Mutual District Messenger Co.	Rent of fire alarm boxes.	12.50
	Washington Gaslight Co.	Gas light.	27.70
Aug. 5	Wm. H. Dyer.	Slat screen.	8.00
	W. T. & F. B. Weaver.	Hair brooms.	12.00
	Church & Stephenson.	Lumber.	5.12
	Geo. F. Muth & Co.	Oil.	.77
	do.	White lead.	3.19
11	Wm. J. Zeh.	Coal.	97.98
	John Robertson.	Fertilizer.	9.00
	Barber & Ross.	Hinges.	5.89
15	T. R. Fowler.	Sod, and hauling ashes.	10.25
18	J. B. Espey.	Hose nozzles.	45.00
Sept. 10	Church & Stephenson.	Lumber.	5.12
	Total supplemental.		250.42

RECAPITULATION.

First quarter	\$1,420.75
Second quarter	974.12
Third quarter	1,852.41
Fourth quarter	1,483.18
Supplemental	250.42
Total	5,980.88

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES, WEATHER BUREAU.

Date.	Name.	Nature of payment.	Total.
1903.			
July 10	Postmaster, Washington, D. C.	Postage stamps.	\$400.00
31	M. Du Perow	Electrical supplies.	5.36
	L. S. Depue	Hay and oats.	43.50
	J. Baumgarten & Sons	Facsimile stamps.	1.50
	The Chesapeake and Potomac Telephone Co.	Relocating telephone.	2.20
	W. B. Moses & Sons	Repairing chairs.	1.35
	J. C. Parker	Fountain pen.	2.50
	do.	do.	5.00
	do.	Business atlas.	7.50
	do.	Fountain pen.	9.00
Aug. 6	James B. Lambie Co. (Incorporated)	Library stepladder.	2.75
	W. B. Moses & Sons	Leather screen.	9.75
	do.	Repairing couch.	8.50
	John Moran	Pan.	8.00
	E. E. Cole	Typewriters.	253.50
	The Holtzer Cabot Electric Co.	Telephone testing set.	16.00
	Acme Repair and Bicycle Co.	Repairing bicycle.	3.00
	Charles W. Coggins	Iron safe.	80.50
12	Clarke & Davenport	Carpet.	80.34
15	Rudolph, West & Co.	Wire cloth.	6.00
	do.	Rope.	2.00
	W. B. Moses & Sons	Table.	11.45
	John C. Parker	Paper weights.	3.30
	do.	Repairing fountain pens.	2.50
	G. E. Stechert	Publications.	7.85
	United States Envelope Co.	Envelopes.	7.65
	Library Bureau	Library cards.	3.00
	Harvard Laundry	Washing towels.	6.24
	The Herald Printing Co.	Advertising.	13.20
	S. J. Small	do.	3.55
24	G. E. Stechert	Publications.	1.50
	do.	English dictionary.	1.05
	do.	Publications.	7.55
	W. B. Moses & Sons	Desk, chairs, hatrack, etc.	110.25
	do.	Window shades.	8.10
	do.	Mirror.	2.50
	do.	Hatrack.	15.00
	do.	Recaning chairs.	2.25
	L. S. Depue	Rye straw.	13.50
	The Smith Premier Typewriter Co.	Repairing typewriter.	1.00
	do.	do.	20.00
24	John C. Parker	Atlas.	7.50
	do.	Paper.	1.82
	Manhattan Electrical Supply Co.	Ceiling fan.	17.50
	Woodward & Lothrop	Clock and muslin.	22.50
	Lutz & Co.	Hoof dressing.	25.20
Sept. 9	E. A. Smith	Advertising.	1.90
15	American Ice Co.	Ice.	38.34
	Woodward & Lothrop	Water cooler.	21.25
	do.	Matting, water cooler and stand.	43.50
	National Electrical Supply Co.	Electric fan.	8.50
	Lamb & Tilden	Rubber stamps.	14.52
	John C. Parker	Address books.	3.00
	James B. Lambie Co. (Incorporated)	Night latch.	3.50
	Leidy S. Depue	Hay and oats.	43.50
22	G. E. Stechert	Publications.	2.80
	L. S. Depue	Hay.	14.25
	Harvard Laundry Co.	Laundering towels.	7.25
	American Ice Co.	Ice.	31.05
	M. Du Perow	Telephone and wire.	41.00
	Total first quarter.		1,537.57
Oct. 12	Library Bureau	Office furniture.	328.80
	do.	Library cards.	75.90
	Francis Miller	Glass.	1.60
	S. J. Meeks' Sons	Repairing wagon.	41.50
	Yawman & Erbe Manufacturing Co.	File case.	62.25
	Hugh Reilly	Oil.	1.50
	The Chesapeake and Potomac Telephone Co.	Moving telephone.	8.00
	Church & Stephenson	Lumber.	231.04
	United States Express Co.	Express charges.	17.20
	James B. Lambie Co. (Incorporated)	Tools.	4.64
	John C. Parker	Gum labels.	2.00
	do.	do.	1.50
	do.	File holder.	2.00
	W. B. Moses & Sons	Nosings, etc.	2.85
	Lamb & Tilden	Rubber stamps.	1.75
	United States Envelope Co.	Envelopes.	15.60
	Mackall Bros.	Combs.	4.50
	L. S. Depue	Oats and straw.	38.25

350 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES, WEATHER BUREAU—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 24	Lamb & Tilden.	Rack.	\$4.23
	John C. Parker.	Part for letterpress.	4.50
	James B. Lambie Co. (Incorporated)	Carpenter's tools.	5.04
	M. Du Perow.	Brushes, springs, etc.	14.92
	Burrell's Press Clipping Bureau.	Press clippings.	9.08
	Dulin & Martin Co.	Shipping baskets.	2.55
	American Ice Co.	Ice.	21.88
	Martin Weigand.	File case.	127.00
	Library Bureau.	Guides.	13.50
	United States Express Co.	Express charges.	1.10
31	Church & Stephenson.	Lumber.	40.40
	The Smith Premier Typewriter Co.	Repairs to typewriter.	8.50
	The Chesapeake and Potomac Telephone Co.	Telephone service.	121.25
	.....do.	Services.	2.75
	Harvard Laundry Co.	Laundrying.	5.77
	R. McReynolds Sons.	Carriage repairs.	10.00
	Lutz & Co.	Harness.	14.25
	G. E. Stechert.	Library books.	1.50
Nov. 19	Harvard Laundry Co.	Laundrying towels.	6.22
	American Ice Co.	Ice.	14.03
	Wurdeman & Co.	Desks and chairs.	311.00
	Capital Traction Co.	Street car tickets.	20.00
	Wm. Ballantyne & Sons.	Blackboard.	11.20
	John C. Parker.	Carbon paper.	3.00
	.....do.	Repairing fountain pen.	2.50
	Lamb & Tilden.	Numbering machine.	13.72
	Lutz & Co.	Bridle and repairing tug.	3.00
	.....do.	Soap.	1.95
	United States Express Co.	Express charges.	6.40
	Francis Miller.	Resetting glaziers' diamonds.	5.00
	Leidy S. Depue.	Hay and straw.	18.75
24	Lutz & Co.	Bridle bit.	1.25
	S. J. Meeks' Sons.	Wagon.	128.00
	F. A. Schmidt.	Celluloid sheets.	4.60
	G. E. Stechert.	Dictionary.	1.05
	Wm. Ballantyne & Sons.	Hann's Climatology.	28.32
	Lamb & Tilden.	Self-inking stamp.	3.85
	Remington Typewriter Co.	Typewriter.	92.25
	Library Bureau.	Cards.	3.80
	Lutz & Co.	Repairs to harness.	2.30
	Leidy S. Depue.	Hay.	14.25
30	Adams Express Co.	Express charges.	12.40
	.....do.	.....do.	13.50
	John Moran.	Rat trap.	.90
	W. B. Moses & Sons.	Repairing chair.	2.80
	R. McReynolds Sons.	Repairing carriage.	2.50
	Wurdeman & Co.	Paneling desk.	123.75
	Adams Express Co.	Express charges.	6.70
Dec. 5	J. G. Fagan.	Soda.	1.00
	R. McReynolds Sons.	Shafts.	10.00
	.....do.	Repairs to carriage.	97.00
14	Leidy S. Depue.	Oats.	45.75
	.....do.	.....do.	22.50
	Louis Hartig.	Horseshoes.	4.10
	.....do.	Hardware.	37.78
	M. G. Copeland Co.	Awnings.	111.25
22	Library Bureau.	Cards.	20.00
31	Geo. F. Muth & Co.	Turpentine, white lead, etc.	17.89
	Barber & Ross.	Fire screen.	7.25
	John C. Parker.	File.	.75
	Rudolph, West & Co.	Garbage can.	1.60
	W. B. Moses & Sons.	Seat pads.	12.00
	.....do.	Shade pulls.	2.00
	James B. Lambie Co. (Incorporated)	Brass spigots.	1.70
	American Writing Machine Co.	Platens.	5.85
	Woodward & Lothrop.	Rugs, etc.	20.50
	Lutz & Co.	Brushes.	1.50
	United States Express Co.	Express charges.	1.60
	.....do.	.....do.	6.95
	Adams Express Co.	.....do.	4.20
	S. J. Meeks Sons.	Repairing sign.	8.75
	J. T. Thomson.	Embossing paper and envelopes.	9.66
	American Ice Co.	Ice.	10.76
	Clark & Davenport.	Carpet.	162.90
	Louis Hartig.	Frost nails.	1.31
	Acme Repairs and Bicycle Co.	Repairing bicycle.	1.00
	R. P. Clarke Co.	Horse brushes.	2.48
	Albert Kahlert & Co.	Repairing and laying carpet.	20.87
Total second quarter			2,759.04

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES, WEATHER BUREAU—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 11	Yawman & Erbe Manufacturing Co.	Files, etc.	\$3.60
18	Franklin & Co.	Reading glass	5.50
	W. G. Duckett.	Arnica, etc.	2.35
	Harvard Laundry Co.	Washing towels	6.41
	Capital Traction Co.	Street-car tickets	20.00
	Burrell's Press Clipping Bureau.	Press clippings	7.92
23	James B. Lambie Co. (Incorporated)	Garbage cans	2.80
	M. Wiegand.	Lumber	66.90
31	James B. Lambie Co. (Incorporated)	Iron, etc.	2.70
	John C. Parker.	Paper	7.50
	W. B. Moses & Sons.	Chair.	1.65
	Lutz & Co.	Carriage reins	7.00
	Wm. Ballantyne & Sons.	Blackboard	6.75
	L. S. Depue.	Oats and straw	36.00
	.....do.	Hay	14.25
	.....do. ....	.....do.	14.25
	Rudolph, West & Co.	Oil.	10.00
	John Hansen.	Repairs to carriage	1.50
	The Smithsonian Institution.	Transportation of exchanges	72.53
	American Ice Co.	Ice	10.38
	The Chesapeake and Potomac Telephone Co.	Telephone services	120.62
	Midgett Novelty Co.	Stapling machine and staples	9.25
	Louis Hartig.	Horseshoes, etc.	6.65
	The Andrew J. Joyce Carriage Co.	Repairing carriage	2.00
	W. B. Moses & Sons.	Repairing chair	2.10
Feb. 4	Harvard Laundry Co.	Laundering towels	6.23
10	S. J. Meeks Sons.	Repairing wagon	59.95
13	John Moran.	Sewer connections	10.90
	American Ice Co.	Ice	8.50
	John C. Parker.	Directories	15.00
18	The Chesapeake and Potomac Telephone Co.	Relocating telephones	10.00
23	Capital Traction Co.	Street-car tickets	20.00
	Harvard Laundry Co.	Laundering towels	5.63
	Lamb & Tilden.	Rubber stamps	3.22
29	J. Baumgarten & Sons.	Repairing dating stamp	1.25
	.....do.	Dating stamp	2.50
	John Moran.	Repairing filter, etc.	2.25
	.....do.	Rat traps	4.80
	L. S. Depue.	Oats	27.00
	.....do.	Hay and straw	23.25
	Clark & Davenport.	Carpet and lining	45.57
	.....do.	Linoleum	23.62
	Woodward & Lothrop.	Carpet sweepers	4.50
	Lamb & Tilden.	Hand stamps	2.00
	Library Bureau.	Typewriter stand	5.75
	James B. Lambie Co. (Incorporated)	Stall-guard.	6.80
	.....do.	Steel-wire	1.63
	Rudolph, West & Co.	Hinges, locks, etc.	15.87
	W. B. Moses & Sons.	Nosings and repairing chair	43.70
	Hugh Reilly.	Enamel.	3.00
	Adams Express Co.	Express charges ....	.50
	The M. Lindsay Rubber Co.	Rubber buckets	9.00
	United States Express Co.	Express charges	6.65
	Adams Express Co. ....	.....do.	8.70
11	R. McReynolds Sons.	Repairing carriage	1.00
	John Lynch.	Horseshoes	1.00
	Adams Express Co.	Express charges	4.75
	Library Bureau.	Parts for file case, etc.	13.00
	S. J. Venable.	Chart frames	16.50
23	Church & Stephenson.	Lumber	50.87
	American Ice Co.	Ice	9.03
	D. Frank Parker.	Ink and paste	5.10
	W. H. Lowdermilk & Co.	Geography of plants	9.00
	Lutz & Co.	Repairing harness	3.50
	L. S. Depue.	Oats and hay	41.25
	Clark & Davenport.	Rugs	52.00
	United States Express Co.	Express charges	3.95
	Remington Typewriter Co.	Repairing typewriter ....	.80
	.....do. ....	.....do.	28.10
	The Smith Premier Typewriter Co. ....	.....do.	8.30
	James B. Lambie Co. (Incorporated)	Drill bits	1.65
	.....do.	Door spring, etc.	6.05
	Woodward & Lothrop.	Stools, stands, etc.	68.78
	Postmaster, Washington, D. C.	Postage stamps	256.00
	Blue Line Transfer Co.	Express charges ....	.88
	Harvard Laundry Co.	Washing towels	6.41
	The M. Lindsay Rubber Co.	Rubber mats.	5.40
	Remington Typewriter Co.	Repairing typewriter	6.50
	W. B. Moses & Sons.	Window shades	3.20
	Total third quarter.		1,421.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES, WEATHER BUREAU—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 8	L. S. Depue.....	Straw.....	\$9.00
	C. R. Edmonston.....	Filter tubes.....	12.60
15	G. E. Stechert.....	Publications.....	.15
	do.....	do.....	31.02
23	Burrell's Press Clipping Bureau.....	Press clippings.....	12.84
	G. E. Stechert.....	Publications.....	3.98
30	Geo. F. Muth & Co.....	Drier.....	1.05
	do.....	Oil and turpentine.....	6.64
	United States Express Co.....	Express charges.....	1.25
	American Ice Co.....	Ice.....	12.65
	Library Bureau.....	Table.....	35.00
	L. S. Depue.....	Hay.....	14.25
	Albert Kahlert & Co.....	Cleaning carpet.....	.88
	Remington Typewriter Co.....	Repairing typewriter.....	16.25
	S. J. Meeks Sons.....	Repairing wagon.....	18.00
	O. C. Strawn.....	Lights, reflectors, etc.....	10.25
	Harvard Laundry Co.....	Laundrying towels.....	6.74
	F. A. Schmidt.....	Crayons.....	1.00
	John Lynch.....	Horseshoes, etc.....	5.00
	James B. Lambie Co. (Incorporated).....	Tacks.....	.70
	do.....	Keys, key rings, etc.....	9.35
	do.....	Latch, screws, etc.....	2.95
	Francis Miller.....	Oil.....	2.30
	James Linskey & Sons.....	Repairing furniture.....	14.00
	Woodward & Lothrop.....	Water cooler and stand.....	11.60
	Lamb & Tilden.....	Rubber stamps.....	1.29
	do.....	Self-inking stamp.....	3.00
	Lutz & Co.....	Storm covers.....	10.50
	Swayze, Bailey & Co.....	Fountain pen.....	5.00
	Estate of John C. Parker.....	Repairing fountain pen.....	1.75
	J. H. Bunnell & Co.....	Telegraph keys.....	8.10
May 5	San Francisco Examiner.....	Advertising.....	12.75
11	O. C. Strawn.....	Parts for lights.....	1.80
	John Lynch.....	Horseshoes.....	1.50
	The New York Times Co.....	Advertising.....	35.20
	L. S. Depue.....	Oats.....	27.00
	do.....	Hay.....	9.50
	The Chesapeake and Potomac Telephone Co.....	Telephone services.....	119.10
	C. Becker.....	Harness.....	92.00
	J. Baumgarten & Sons.....	Repairing Champion self-inker.....	.75
	W. B. Moses & Sons.....	Window shades.....	6.00
	do.....	Repairing chair.....	2.85
	Delano & Moore.....	Paper.....	2.90
	do.....	do.....	3.20
	John Moran.....	Chains, hoe, and rake.....	1.85
	Woodward & Lothrop.....	Umbrella stand.....	1.25
	Lamb & Tilden.....	Autograph stamp.....	1.25
17	Capital Traction Co.....	Street-car tickets.....	20.00
	American Ice Co.....	Ice.....	12.18
21	Harvard Laundry Co.....	Laundrying towels.....	5.61
	R. McReynolds Sons.....	Repairing carriage.....	1.75
	Underwood Typewriter Co.....	Repairs for typewriter.....	2.50
	W. G. Duckett.....	Dusting powder.....	1.40
	James B. Lambie Co. (Incorporated).....	Feed trough.....	2.25
	do.....	Hooks and plates.....	3.20
	J. Baumgarten & Sons.....	Repairing dating machine.....	1.25
31	Wm. Nordhoff.....	Repairing clock.....	3.00
	W. B. Moses & Sons.....	Chairs and mirror.....	19.50
June 3	John Moran.....	Chains.....	1.00
	Church & Stephenson.....	Shelving.....	4.00
	do.....	Lumber.....	157.70
	L. S. Depue.....	Hay and straw.....	18.50
	do.....	Hay.....	.95
	J. B. Lambie Co. (Incorporated).....	Tag holders.....	1.50
	W. B. Moses & Sons.....	Repairing chair.....	1.65
	Delano & Moore.....	Photographic supplies.....	7.75
	Lutz & Co.....	Traces, etc.....	7.75
	S. J. Meeks Sons.....	Repairing wagon.....	2.50
9	G. E. Stechert.....	Newspaper directory.....	9.75
15	J. B. Lambie Co. (Incorporated).....	Keys, lock, etc.....	4.45
	Delano & Moore.....	Photographic supplies.....	7.09
	Fred B. Miller & Bro.....	Adjusting scales.....	8.00
	L. S. Depue.....	Oats.....	27.00
	W. B. Moses & Sons.....	Table.....	15.00
	Louis Hartig.....	Horseshoe pads.....	10.10
	C. M. Wolf & Co.....	Push cart.....	6.50
	G. E. Stechert.....	Publication.....	1.50
	do.....	Publications.....	1.60
	Adams Express Co.....	Express charges.....	16.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CONTINGENT EXPENSES, WEATHER BUREAU—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 22	Harvard Laundry.....	Laundering towels.....	\$7.18
30	National Railway Publication Co.....	Official guide.....	8.00
	Remington Typewriter Co.....	Adjusting typewriter.....	17.60
	American Ice Co.....	Ice.....	16.09
	Manhattan Electrical Supply Co.....	Electric ceiling fan.....	17.50
	Total fourth quarter.....		1,087.69
	<i>Supplemental.</i>		
July 7	Lutz & Co.....	Repairing harness.....	2.25
	The Oklahoma Publishing Co.....	Advertising.....	3.80
12	Lamb & Tilden.....	Rubber stamps.....	7.06
	United States Express Co.....	Express charges.....	6.35
	do.....	do.....	7.65
	Adams Express Co.....	do.....	7.00
15	M. P. Harvey.....	Carriage covers.....	4.00
20	Peoria Star Co.....	Advertising.....	8.64
	Herald Transcript Co.....	do.....	4.62
	L. S. Depue.....	Hay.....	9.50
	G. E. Stechert.....	Publications.....	9.45
	Rudolph, West & Co.....	Bronze letters.....	2.50
	Remington Typewriter Co.....	Repairing typewriter.....	16.75
31	F. H. Greer.....	Advertising.....	12.60
	Daily Journal Co.....	do.....	6.00
	J. B. Lambie Co. (Incorporated).....	Tag holders.....	2.40
	G. E. Stechert.....	Publications.....	1.30
	American Ice Co.....	Ice.....	21.27
Aug. 5	Adams Express Co.....	Express charges.....	13.90
	J. B. Taltavall.....	Word counter.....	3.00
	M. Weigand.....	Cherry case.....	29.00
	R. C. Ballantyne.....	Record books.....	40.00
	Lutz & Co.....	Carriage curtain.....	2.25
	T. A. Schmidt.....	Paper.....	10.00
	W. B. Moses & Sons.....	Repairing chair.....	1.55
	Delano & Moore.....	Photographic supplies.....	10.11
11	W. B. Moses & Sons.....	Ring pulls.....	3.60
	United States Express Co.....	Express charges.....	4.25
	The Chesapeake and Potomac Telephone Co.....	Telephone services.....	119.50
	M. G. Copeland Co.....	Awning and awning covers.....	19.35
	J. B. Lambie Co. (Incorporated).....	Miter machine and box.....	24.60
	Harvard Laundry Co.....	Laundrying towels.....	6.94
	J. B. Lambie Co. (Incorporated).....	Saw blades.....	1.00
	Library Bureau.....	Index tags.....	4.50
	Delano & Moore.....	Materials for repairing instruments.....	4.49
Sept. 21	Yawman & Erbe Manufacturing Co.....	Filing cabinet.....	115.00
	Burrell's Press Clipping Bureau.....	Press clippings.....	13.44
	Yawman & Erbe Manufacturing Co.....	Correspondence section.....	12.50
	U. S. Express Co.....	Express charges.....	18.47
	Total supplemental.....		590.59

RECAPITULATION.

First quarter.....	\$1,537.57
Second quarter.....	2,759.04
Third quarter.....	1,421.40
Fourth quarter.....	1,087.69
Supplemental.....	590.59
Total.....	7,396.29

WEATHER BUREAU, GENERAL EXPENSES.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	J. J. Doak.....	Erecting instrument shelter.....	\$7.00
	E. M. Cherry.....	Painting instrument shelter.....	10.00
	J. P. Friez.....	Wind vanes.....	214.50
	do.....	Parts of instruments.....	73.50
	R. Rollins.....	Photographs.....	1.40
	G. F. Muth & Co.....	Clock oil and lye.....	31.68
	C. R. Edmonston.....	Glasses.....	13.20
	J. C. Entwistle.....	Engraving rain chart.....	10.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. July 31	J. L. Bartlett	Traveling expenses	\$10.80
	R. L. Miller	do	4.50
	H. F. Fugitt	do	8.50
	John Underwood & Co.	Carbon paper	94.50
	do	Paper	180.50
	James B. Lambie Co. (Incorporated)	Cast steel	15.00
	Otto Martin & Co.	Hames, scraper, etc	12.30
	E. Faber	Lead pencils	55.25
	Yates & Co.	Oil	2.45
	F. L. Hartenstein	Repairing clock	2.00
	R. D. Harvey	Painting instrument shelter	18.50
	Polks Seattle Directory Co.	City Directory	6.00
	American Writing Machine Co.	Changing typewriter	19.50
	William H. Rupp Co.	Ink	66.00
	A. Zappone	Traveling expenses	8.99
	H. C. Frankenfield	do	21.30
	R. P. Clarke Co.	Towels	46.80
	Edward Mullin	White rags	14.00
	Portland, substations	Pay roll	10.51
	D. Cuthbertson	Traveling expenses	41.83
	O. L. Blue	do	23.05
	A. C. Pickels	do	12.60
	F. Humberts Sons	Wardrobe	14.50
	G. E. Stechert	Wireless telegraphy apparatus	1.90
	American Type Founders Co.	Glue	6.36
	R. Hagerty	Wood	24.00
	E. F. Droy & Sons	Passenger transportation	218.50
	B. F. Larcombe et al.	Pay roll, printing office	2,483.60
	B. Bunnemeyer	Drayage	.75
	James B. Lambie Co. (Incorporated)	Cotton waste	54.64
	do	Screw drivers	8.70
	John C. Parker	Paper, etc.	73.52
	do	Sectional bookcase	15.00
	W. B. Moses & Sons	Chair and bookcase	22.36
	S. L. Doshier	Traveling expenses	5.45
	A. J. Davis	do	15.25
	H. C. Hunter	do	2.35
	J. R. Glenn	do	70.35
	A. H. Thiessen	do	3.55
	J. M. Watson	do	1.00
	J. P. Friez	Instruments	2,357.50
	do	Supports for instruments	85.00
	do	Barometer boxes	90.00
	do	Induction coil	15.00
	do	Air pump	20.00
	F. A. Schmidt	Sealing wax	3.75
	do	Ruling pens	7.50
	E. Faber	Rubber bands	135.01
	do	do	69.12
	Rudolph, West & Co.	Halyards, etc	50.26
	The J. C. Ergood Co.	Stove polish	5.50
	American Writing Machine Co.	Repairing typewriter	17.00
	W. H. Dyer	Sawdust	1.75
	The Smith Premier Typewriter Co.	Typewriter cabinet	42.50
	M. Du Perow	Office wire	21.60
	F. E. Hamel Rope Co.	Wire rope	3.85
	Barber & Ross	Buckets	14.22
	George Abbott, jr.	Painting instrument shelter	5.00
	M. M. Latta	Office rent	26.00
	Remington Typewriter Co.	Repairing typewriter	7.00
	C. E. French & Co.	Silver sand	3.00
	The Hoggson Pettis Manufacturing Co.	Copying bath	57.00
	Lamb & Tilden	Pad ink	54.00
	J. P. Nawrath	Tape	36.48
	C. Fisher	Constructing platform	6.00
	The Port Royal Dock Co.	Coal	98.00
	Freed Furniture and Carpet Co.	Wardrobe	32.00
	J. M. Wood	Ink and mucilage	3.00
	A. B. Dick	Oil tissue paper	2.40
	Great Western Smelting and Repairing Co.	Stereotype metal	6.96
	National Electrical Supply Co.	Switch board	6.75
	Wild & Stevens	Gordon rollers	2.55
	Z. C. Miles & Piper Co.	Glass battery jars	3.20
	C. F. Artes	Repairing clock	1.50
	J. R. Nye	Mirror	2.50
	Milwaukee Printers Roller Co.	Recasting rollers	3.00
	The R. H. Williams Co.	Leather belt	1.18
	G. Forsberg	Repairing desk	.75
	Eastland Bros.	Repairing instrument shelter	5.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 6	J. R. Mitcham.....	Painting instrument shelter.....	\$6.00
	B. T. Lund & Co.....	Oil.....	18.40
	J. E. Miller & Son.....	Installing storm lanterns.....	10.00
	D. F. Balton & Co.....	Repairing roof apparatus.....	11.00
	J. G. Zane.....	Running levels.....	4.00
	The Waterbury Battery Co.....	Battery recharges.....	875.00
	J. P. Nawrath.....	Sponges.....	30.87
	D. C. Paper Manufacturing Co.....	Blotting paper.....	89.10
	Standard Oil Co.....	Oil.....	8.70
	Yawman & Erbe Manufacturing Co.....	File case.....	50.00
12	E. H. Emery.....	Dictionary holder, etc.....	21.60
	M. G. Roves.....	Office rent.....	40.00
	C. Sevilla.....	Services.....	5.00
	R. B. Smith.....	Repairing river gage.....	4.50
	W. J. Reid.....	Shelving in storeroom.....	29.00
	J. G. Piodela.....	Boat rent.....	6.00
	R. Tyler.....	Printing climate and crop reports.....	10.00
	Addressograph Co.....	Addressograph supplies.....	3.97
	Western Telephone Manufacturing Co.....	Telephones.....	19.00
	O. W. Morey.....	Cleaning clock.....	1.00
	E. D. Beattie.....	Printing climate and crop bulletins.....	36.00
	M. Werner.....	Painting instrument shelter.....	12.50
	Cooley Bros.....	Repairing apparatus, etc.....	12.00
	J. Willis, jr.....	Bed springs, mattress and pillows.....	23.00
	G. J. Proeschler.....	White lead.....	1.60
	F. Miller.....	Turpentine.....	29.70
	Brown, Curtis & Brown.....	Oak screen.....	6.00
	H. D. Feast & Co.....	Telescope.....	62.50
	D. Frank Parker.....	Neostyle ink.....	2.25
	The Western Electric Installing Co.....	Ammeter.....	65.00
	Z. D. Gilman.....	Rubber tubing.....	3.36
	C. E. Johnson & Co.....	Printing materials.....	165.75
	A. Fairservice & Co.....	Oil, brooms, etc.....	9.50
	R. L. Polk & Co. and R. L. Dudley.....	Pittsburg City Directory.....	8.00
	Maurice Joyce Engraving Co.....	Photo engraving plates.....	16.45
	Crosby Transportation Co.....	Passenger transportation.....	2.75
	E. R. Miller.....	Traveling expenses.....	7.50
15	Rudolph West & Co.....	Nails.....	17.01
	do.....	Mop handles.....	5.85
	do.....	Floor brushes.....	8.34
	W. B. Moses & Sons.....	Table.....	15.25
	J. C. Parker.....	Toilet paper.....	37.50
	J. Semer.....	Office rent.....	7.26
	H. C. Cooke.....	Traveling expenses.....	63.10
	New York, substations.....	Pay roll.....	35.00
	American Type Founders Co.....	Printing supplies.....	.40
	Maurice Joyce Engraving Co.....	do.....	29.17
	J. B. Taylor.....	Repairing typewriter.....	3.50
	L. E. Beard.....	Services.....	6.20
	J. Lang.....	Repairing telegraph line.....	5.00
	Alabama, Mississippi, and Tennessee Telephone Co.....	Telephone services.....	6.50
	F. Miller.....	Glass.....	.66
	C. M. Coffin.....	Taking down wind vane.....	5.00
	Freed Furniture and Carpet Co.....	Water cooler stand.....	6.50
	A. R. Holderby, jr.....	Stereotype metal.....	4.57
	D. Pender Grocery Co.....	Brooms.....	4.20
	A. R. Taylor & Co.....	Repairing typewriter.....	1.50
	Underwood Typewriter Co.....	Typewriter, etc.....	92.00
	Schneider Bros.....	Anemometer cups.....	50.00
	J. H. Thiemeyer.....	Boxes.....	88.10
	Willson Office Supply Co.....	Ink and mucilage.....	3.00
	Southern Printers Supply Co.....	Composing stick.....	7.77
	Thos. Somerville & Sons.....	Brackets.....	6.10
	Lutz & Co.....	Saddle and bridle.....	35.00
	American Type Founders Co.....	Composing sticks.....	9.04
	E. B. McDonald.....	Lightning arrester.....	5.00
	C. W. Austin.....	Stove.....	25.00
	Chippewa Hardware Co.....	Hose.....	9.92
	Standard Oil Co.....	Oil.....	12.25
	L. F. Willoughby.....	Recasting rollers.....	3.40
	E. H. Emery.....	Publication.....	20.00
	American Writing Machine Co.....	Typewriter.....	72.25
	American News Co.....	Binders, clips, etc.....	60.60
	The American Pneumatic Carpet Cleaning Co.....	Cleaning carpet.....	16.80
	The Pain Manufacturing Co.....	Rockets.....	63.00
	Smith Premier Typewriter Co.....	Brushes.....	12.06
	International Broom Co.....	Brooms.....	16.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 15	Cuba and Pan-American Express Co.....	Moving office furniture.....	\$4.00
	Densmore Typewriter Co.....	Repairing typewriter.....	6.95
	The King Hardware Co.....	Water cooler.....	7.00
	Seth Thomas Clock Co.....	Clock.....	8.00
	J. E. Turtun.....	Instrument shelters.....	250.00
	A. Midgett.....	Wood.....	5.00
	J. H. Thiemeier.....	Boxes.....	196.75
	Faneuil Watch Tool Co.....	Translation gears.....	4.45
	Lamb & Tilden.....	Rubber stamps.....	2.70
24	A. Zappone.....	Traveling expenses.....	9.90
	W. B. Moses & Sons.....	Mats.....	32.22
	R. C. Ballantyne.....	Paper.....	77.49
	J. B. Espey.....	Tool chest and tools.....	45.15
	John Moran.....	Charcoal.....	1.00
	Rudolph, West & Co.....	Buckets.....	7.92
	M. DuPerow.....	Batteries.....	447.50
	J. B. Lambie Co. (Incorporated).....	Wagon jack.....	4.00
	.....do.....	Casters and chuck.....	21.50
	Clarke & Davenport.....	Carpet.....	59.38
	Underwood Typewriter Co.....	Typewriter.....	87.50
	Edward Mullin.....	White rags.....	14.00
	J. C. Entwistle.....	Engraving rain chart.....	10.00
	G. F. Muth.....	Oil.....	.75
	Lutz & Co.....	Harness.....	50.00
	P. H. Heiskell, jr., & Co.....	Wagon.....	54.00
	C. R. Edmonston.....	Cuspidors and buckets.....	16.58
	E. J. Pullman.....	Films.....	5.40
	Mackall Bros.....	Soap.....	41.67
	J. W. Jordan & Co.....	Recasting rollers.....	1.72
	Queen & Co. (Incorporated).....	Alcohol.....	5.00
	.....do.....	Measuring sticks.....	90.00
	The American News Co.....	Brushes.....	8.58
	Coston Signal Co.....	Answering signals.....	33.00
	Geo. Meier & Co.....	Gum arabic.....	1.60
	C. E. Johnson & Co.....	Ink.....	820.00
	O. J. Maigue.....	Recasting rollers.....	22.96
	Yawman Erbe Manufacturing Co.....	File case.....	50.00
	P. D. Clack.....	Drayage.....	.75
	R. L. Polk & Co.....	Wisconsin Gazeteer.....	6.00
	M. F. Kalmbach.....	Wiring tower.....	46.79
	Treman, King & Co.....	Water cooler.....	3.50
	J. Sly.....	Wood.....	20.00
	The King Hardware and Stove Co.....	Stepladder.....	2.50
	J. R. Wyss.....	Repairing wind vane.....	3.50
	P. Lindemeyer.....	Paste.....	130.00
	Trenchard & Harrington Furniture and Car- pet Co.....	Mirror.....	10.00
	C. Peterson.....	Oil and brooms.....	11.00
	M. A. Adsitt.....	Repairing typewriter.....	4.59
	A. Gamewell Lamonte.....	Running levels.....	5.00
	Rigby & Wilson.....	Water cooler.....	7.50
	A. G. White.....	Repairing typewriter.....	4.00
	Boulton, Bliss & Dallett.....	Passenger transportation.....	40.00
	.....do.....	.....do.....	40.00
	Southern Rwy Co.....	.....do.....	16.55
	San Antonio and Aransas Pass Rwy. Co.....	.....do.....	18.00
	Jacksonville and St. Johns Bar Telegraph line.....	Telegraph services.....	6.25
	A. Brand.....	Traveling expenses.....	19.20
	C. C. Cooper.....	.....do.....	13.00
	E. H. Bowie.....	.....do.....	14.25
	D. J. Brown.....	.....do.....	5.60
	F. Diggs.....	.....do.....	6.00
	J. Warren Smith.....	.....do.....	48.70
	E. B. Calvert.....	.....do.....	38.30
	Home Telephone Co.....	Telegraph services.....	10.40
	Rising Sun Telegraph Line.....	.....do.....	2.60
	D. F. Parker.....	Paper, ink, pads, etc.....	3,416.00
	J. C. Parker.....	Paper.....	1,062.77
	.....do.....	Bookcase.....	15.00
	J. P. Nawrath.....	Twine.....	28.39
	American Writing Machine Co.....	Typewriters.....	216.75
	Norfolk and Washington, D. C., Steamboat Co.....	Passenger transportation.....	3.00
	Seaboard Air Line Rwy.....	.....do.....	13.75
	Central R. R. Co. of New Jersey.....	.....do.....	6.50
	Michigan Central R. R. Co.....	.....do.....	5.00
	F. H. Bigelow.....	Traveling expenses.....	14.10
	B. A. Blundon.....	.....do.....	38.71

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 24	H. C. Cooke.....	Subsistence.....	\$22.88
	.....do.....	Station expenses.....	7.15
	B. D. Johnson.....	Services.....	20.00
	W. T. Lathrop.....	Subsistence.....	26.67
	Littlefield, Alvord & Co.....	Drayage.....	36.98
	Chapin & Simpson.....	Horse hire.....	11.00
	Remington Typewriter Co.....	Repairing typewriter.....	13.75
	R. Carter Ballantyne.....	Envelopes.....	27.00
	Keystone Type Foundry.....	Type.....	.68
	Woodward & Lothrop.....	Desk, chairs, etc.....	144.08
31	Lutz & Co.....	Brushes, halters, etc.....	8.50
	E. H. Hughes.....	Traveling expenses.....	5.10
	J. A. Balster.....	.....do.....	5.10
	W. L. Moore.....	.....do.....	48.30
	B. F. Larcombe et al.....	Pay roll, printing office.....	2,471.59
Sept. 3	H. J. Cox.....	Traveling expenses.....	226.92
9	C. H. Richardson.....	Subsistence.....	31.00
	.....do.....	Traveling expenses.....	23.75
	W. A. Mitchell.....	.....do.....	4.90
	G. U. Harn, jr.....	.....do.....	5.90
	W. H. Alexander.....	.....do.....	26.75
	C. F. Marvin.....	.....do.....	6.75
	R. L. Miller.....	.....do.....	4.60
	J. B. Marbury.....	.....do.....	9.75
	J. Bily, jr.....	.....do.....	14.00
	L. H. Daingerfield.....	Drayage.....	.70
	B. C. Kadel.....	Subsistence.....	28.33
	J. J. O'Donnell.....	.....do.....	31.00
	Norfolk and Southern R. R. Co.....	Passenger transportation.....	.30
	John Martin & Co.....	Insulators, etc.....	14.50
	Brooks-Follis Electrical Corporation.....	Wire and brushes.....	3.96
	Justinian Caire Co.....	Mercury, etc.....	4.05
	New York Belting and Packing Co. (Limited).....	Leather belt.....	6.50
	Pacific Tool and Supply Co.....	Wireless-telegraph supplies.....	28.28
	C. E. Parrott.....	Wood.....	20.00
	C. H. Glaser.....	Glass.....	13.05
	C. E. Johnson & Co.....	Ink.....	115.00
	Kenffel & Esser Co.....	.....do.....	1.00
	Yates & Co.....	Oil.....	2.45
	J. R. Hobbs.....	Team hire.....	6.00
	Chicago Belting Co.....	Belting.....	4.49
	L. H. Battles.....	Painting instrument shelter.....	21.45
	Vaughan & Morrill Co.....	Ink and mucklage.....	4.00
	J. I. Holcomb Manufacturing Co.....	Sweeps.....	27.75
	The American News Co.....	Brushes.....	10.80
	Manhattan Electrical Supply Co.....	Batteries and insulators.....	70.32
	Walter Scott & Co.....	Repairing bolt.....	1.75
	Philip Lindemeyr.....	Duplicating rollers.....	45.00
	J. W. McCauley.....	Repairing river gauge.....	25.00
	Mt. Holly Paper Co.....	Map paper.....	77.35
	M. G. Roves.....	Office rent.....	40.00
	T. M. Caldwell.....	Instruments, batteries, etc.....	6.00
	Paul Seiler Electrical Works.....	Erecting telegraph wire.....	225.00
	Stephen Land.....	Lumber.....	15.00
	Hiller-Davis Printing Co.....	Binding climate and crop reports.....	4.00
	E. D. Beattie.....	Printing climate and crop reports.....	36.00
	Georgetown Iron Works.....	Painting wind vane.....	7.00
	J. P. Kofod.....	Repairing water tank.....	8.00
	Holbrook, Merrill & Stetson.....	Brooms and stove grate.....	3.05
	M. M. Latta.....	Office rent.....	25.00
	Maddrey & Kenyon Furniture Co.....	Hanging window shades, etc.....	6.84
	E. A. Slack.....	Printing climate and crop reports.....	24.00
	J. A. Barber.....	Repairing instrument shelter.....	1.50
	F. McAllister.....	.....do.....	1.00
	Pacific States Type Foundry.....	Recasting rollers.....	2.80
	Yates & Co.....	Benzine.....	1.10
	E. H. Bochner.....	Repairing typewriter.....	3.24
	R. Peacon.....	Oil, brooms, etc.....	8.90
	R. Stone.....	Repairing instrument shelter.....	30.00
	The Crutsinger Roller Co.....	Recasting rollers.....	4.00
	Alpena Electric Light Co.....	Electric lamps.....	1.00
	C. R. Martin.....	Photographs.....	2.50
	F. L. Patenotte.....	Reeving halyards.....	5.00
	J. L. Lockhart.....	Lamp chimneys.....	.75
	Patterson Transfer Co.....	Drayage.....	1.50
	J. C. Herkner.....	Repairing clock.....	1.00
	Goldberg, Bowen & Co.....	Station supplies.....	1.75
	E. Bartlett.....	Grounding tower.....	3.90
	G. W. Taylor & Co.....	Coal.....	126.00
	San Francisco Electrical Co.....	Switches and coils.....	11.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 9	Yates & Co.....	Oil.....	\$10.80
	Robert Tyler.....	Printing climate and crop reports.....	12.50
	Pacific States Telephone and Telegraph Co.....	Batteries.....	2.16
	A. Midgett.....	Moving shelter.....	20.00
	S. H. Quint's Sons.....	Station supplies.....	11.52
	The Norris Peters Co.....	Lithograph plate.....	12.00
	W. H. Shoupe.....	Installing electric lanterns.....	67.00
	C. Herrmann.....	Binding instructions.....	2.00
	Eagle Iron Works.....	Erecting tower.....	79.00
	W. M. Warren.....	Repairing rain and snow gauge.....	2.25
	A. R. Derge & Co.....	Dictionary and stand.....	16.00
	Freed Furniture and Carpet Co.....	Chair bottoms.....	1.20
	The Orcutt Storage, Packing, and Moving Co.....	Moving furniture.....	50.00
	J. H. McNamara.....	Portfolio.....	5.80
	W. G. Hutchison.....	Desk.....	5.80
	Ivie Watson Electrical Supply and Construction Co.....	Electric globes.....	2.95
	Wagner Bros.....	Table.....	13.50
	American Type Founders Co.....	Printing supplies.....	2.38
	Morrison Tent and Awning Co.....	Awnings.....	40.00
	J. A. Howerton.....	Oil, brooms, etc.....	24.10
	Trorlicht, Duncker & Renard.....	Rugs and linoleum.....	174.90
	J. H. Crane Furniture Co.....	Bookcase.....	27.00
	W. H. Hoskins Co.....	Ink.....	.60
	do.....	Adding machine.....	5.00
	J. F. Conrad Grocer Co.....	Gasoline.....	.85
	Alexander-Yost Co.....	Wireless-telegraph supplies.....	29.87
	J. W. Strawn.....	Rugs.....	67.00
	C. Sevilla.....	Services.....	5.00
	H. B. Hersey.....	Traveling expenses.....	216.70
	J. J. Gray.....	do.....	4.10
	T. F. Townsend.....	do.....	9.00
	L. H. Daingerfield.....	do.....	11.00
	M. W. Hayes.....	do.....	28.95
	W. S. Belden.....	do.....	31.00
	A. H. Thiessen.....	do.....	18.10
	E. A. Evans.....	do.....	15.60
	F. H. Duff.....	do.....	6.00
	do.....	do.....	4.00
	H. E. Hobbs.....	Subsistence.....	24.00
	do.....	Station expenses.....	8.62
	New York substations.....	Pay roll.....	35.00
	W. M. Wilson.....	Traveling expenses.....	6.37
	J. W. Smith.....	do.....	6.55
	F. H. Brandenburg.....	do.....	53.00
	F. W. Brist.....	do.....	5.25
	J. H. Smith.....	do.....	16.35
	W. E. Stewart.....	Services.....	12.40
15	Woodward & Lothrop.....	Rug and blankets.....	17.00
	do.....	Desk, bed mattress, etc.....	102.23
	do.....	Millinet.....	1.37
	do.....	Needles.....	.75
	National Electrical Supply Co.....	Telephones.....	6.00
	F. A. Schmidt.....	Mucilage stands.....	37.50
	Lamb & Tilden.....	Rubber stamps, etc.....	3.22
	do.....	do.....	1.08
	do.....	do.....	1.49
	do.....	do.....	1.02
	John C. Parker.....	Paper.....	1,257.00
	do.....	Neostyle.....	50.00
	do.....	Letterpress.....	74.34
	do.....	Paper.....	39.00
	James B. Lambie Co. (Incorporated).....	Wire and cloth.....	3.25
	do.....	Crosscut saw.....	2.50
	L. S. Depue.....	Oats, hay, and straw.....	26.98
	The Typewriter Exchange.....	Repairing typewriter.....	6.50
	Grand Rapids Awning Co.....	Awnings.....	17.50
	G. Middleton.....	Lettering doors.....	3.50
	Inland Type Foundry.....	Guide pins.....	1.18
	G. M. Fennerty.....	Lettering doors.....	7.00
	Lloyd & Smith.....	Oil can.....	2.00
	J. S. Sands & Co.....	Oil and brooms.....	9.50
	W. H. Ranney.....	Recasting rollers.....	2.50
	C. N. Russell.....	Oil.....	1.40
	H. G. Turley.....	Installing wind vane, etc.....	110.00
	California Electrical Works.....	Copper wire.....	325.20
	I. M. Watson.....	Repairing instrument shelter.....	1.00
	Alexander-Yost Co.....	Oil, solder, etc.....	6.60
	Electrical Supply and Construction Co.....	Installing electric lanterns.....	20.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 15	American Type Founders Co.....	Type, etc.....	\$16.91
	The Fred Macey Co. (Limited).....	File case.....	149.20
	J. Lang.....	Repairing telegraph line.....	5.00
	F. R. Grout.....	Lettering door.....	2.00
	B. J. Sherry.....	Repairing telegraph line.....	3.40
	H. A. Poole.....	Horse hire.....	1.50
	W. W. Best.....	Repairing telegraph line.....	3.50
	do.....	Pump and glass.....	9.28
	American Type Founders Co.....	Printing supplies.....	77.10
	W. W. Best.....	Painting instrument shelter.....	2.00
	Arnold & Weatherbee Co.....	Repairing cable.....	4.95
	E. Erickson.....	Altering carpet.....	5.00
	Myer Bros.....	Drayage.....	2.00
	H. D. Feast & Co.....	Field glass.....	15.00
	Central of Georgia R. R. Co.....	Passenger transportation.....	5.28
	J. & C. N. Thomas.....	Cleaning clock.....	1.00
	The Richmond & Backus Co.....	Binding maps.....	20.00
	C. F. Barnes.....	Repairing telegraph line.....	2.00
	H. Leonard & Sons.....	Office furniture.....	18.07
	W. N. Tillett.....	Horse hire.....	2.06
	Southern Electrical Co.....	Repairing electric motor.....	2.00
	A. Midget.....	Wood.....	18.75
	Morrison, Merrill & Co.....	Lumber.....	5.60
	St. Louis Transfer Co.....	Drayage.....	1.68
	Forsberg & Murray.....	Grate bars.....	27.00
	Rudolph, West & Co.....	Staples and tacks.....	9.91
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	Passenger transportation.....	3.50
	Boston and Maine R. R.....	do.....	15.40
	Southern Rwy. Co.....	do.....	82.20
	E. J. Joy.....	Constructing platform.....	12.50
	W. B. Francis Co.....	Binding records.....	1.75
	Keifer & Wenzel.....	Repairing clock.....	2.00
	R. B. Morris.....	Ink.....	.50
	F. C. Dockeraey.....	Repairing typewriter.....	2.50
	S. C. Phillips.....	Chairs.....	6.80
	Funk & Wagnalls Co.....	Dictionary stand.....	7.50
	J. E. Turton.....	File cases.....	259.00
	Southern Printers Supply Co.....	Staples.....	62.50
	do.....	Type, etc.....	37.30
	The J. C. Ergood Co.....	Flour.....	1.38
	E. H. Bowie.....	Subsistence.....	46.50
	L. C. Cover.....	Traveling expenses.....	26.25
	J. R. Glenn.....	do.....	5.85
	H. C. Cooke.....	do.....	19.20
	H. E. Hobbs.....	do.....	2.89
18	A. Zappone.....	do.....	41.72
	do.....	do.....	52.65
22	Direct West India Cable Co.....	Telegraph services.....	202.88
	do.....	do.....	214.24
	B. C. Kadel.....	Traveling expenses.....	.75
	Marthas Vineyard Telegraph Co.....	Telegraph services.....	24.38
	H. E. Hobbs.....	Station expenses.....	9.22
	F. R. Beahan.....	Hauling coal.....	33.00
	P. Quattlebaum.....	Services.....	14.00
	C. H. Richardson.....	Subsistence.....	29.67
	do.....	Ice and janitor service.....	7.00
	W. T. Lathrop.....	Subsistence.....	31.00
	M. B. Stubbs.....	do.....	31.00
	W. C. Devereaux.....	Subsistence and station expenses.....	36.56
	do.....	do.....	35.36
	J. J. O'Donnell.....	Subsistence.....	31.00
	J. H. Kimball.....	Drayage.....	3.50
	E. T. Burns.....	Traveling expenses.....	16.25
	F. P. Chaffee.....	do.....	37.54
	A. G. Burns.....	do.....	10.00
	G. N. Salisbury.....	do.....	22.20
	E. C. Vose.....	do.....	9.90
	C. M. Strong.....	do.....	28.75
	R. G. Allen.....	do.....	15.42
	L. M. Tarr.....	do.....	7.00
	B. H. Bronson.....	do.....	31.25
	J. H. Robinson.....	do.....	27.35
	Cuba Submarine Telegraph Co. (Limited).....	Telegraph services.....	14.75
	do.....	do.....	17.90
	do.....	do.....	17.65
	do.....	do.....	4.55
	Central District and Printing Telegraph Co.....	do.....	19.00
	Pacific States Telephone and Telegraph Co.....	do.....	10.40
	do.....	do.....	38.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 22	Rising Sun Telegraph Line.....	Telegraph services.....	\$2.60
	Alabama, Mississippi and Tennessee Telephone Co.	do.....	6.50
	Corvallis and Eastern R. R. Co.....	do.....	2.60
	do.....	do.....	2.60
	Home Telephone Co.....	Telephone services.....	10.40
	Cozzens Bros.....	Repairing brickwork on boilers.....	395.00
	F. J. Massard.....	Erecting tower.....	35.00
	Pacific Metal Works.....	Stereotype metal.....	8.00
	J. H. Horton.....	Foundation for tower.....	25.00
	Chapin & Simpson.....	Horse hire.....	21.00
	Louis Hendricks.....	Coal and wood.....	99.50
	Kauffman, Meyer & Co.....	Carpet and lining.....	68.00
	D. M. Steen.....	Water cooler.....	3.50
	National Electrical Supply Co.....	Split knobs.....	2.00
	F. J. Midgett.....	Coal and oil.....	62.10
	O. Rice & Co.....	Platen, etc.....	4.00
	B. Stone.....	Erecting tank.....	255.00
	A. Midgett.....	Turpentine, oil, etc.....	5.00
	B. M. Jacobs & Bros.....	Carpet, linoleum, and shades.....	98.25
	G. R. Matten.....	Repairing clock.....	2.50
	F. Wimburst.....	Painting signs, etc.....	17.50
	Ithaca Ice Co.....	Ice.....	1.32
	A. J. Parrish.....	Ice box.....	5.00
	F. B. Barnum.....	Ink and mucilage.....	3.00
	E. G. Pluke.....	Repairing linoleum.....	2.50
	H. M. Stevenson.....	Cleaning office.....	2.25
	O'Neal & Houck.....	Cleaning carpet, etc.....	2.30
	P. Gray & Sons.....	Electric lanterns.....	1,575.00
	Peninsular Bark and Lumber Co.....	Wood.....	4.50
	United States Envelope Co.....	Envelopes.....	363.00
	J. M. Russell.....	Coal.....	30.00
	Crowdus Bros. & Co.....	do.....	33.75
	E. F. Sanguinetti.....	Hose.....	10.00
	Footie Pierson & Co.....	Lightning arrester.....	3.00
	O. W. Bye.....	Horse hire.....	2.50
	L. T. Garrison.....	do.....	4.50
	J. W. Holmes.....	Team and services.....	3.50
	Hoke Engraving Plate Co.....	Gas stove, etc.....	13.25
	Green Bay Western R. R. Co.....	Passenger transportation.....	3.55
	Northern S. S. Co.....	do.....	8.00
	R. P. Clarke Co.....	Rubber blankets.....	28.40
	Lamb & Tilden.....	Rubber stamps.....	1.56
	Clark & Davenport.....	Carpet and lining.....	126.37
30	E. B. Calvert.....	Traveling expenses.....	7.00
	A. Zappone.....	do.....	17.28
	H. E. Williams.....	do.....	6.25
	Chapin & Simpson.....	Horse.....	125.00
	J. W. Silcott.....	Wire, staples, plow, etc.....	85.20
	Plaster & Robey.....	Dynamite and fuse.....	90.00
	H. H. Trussell.....	Oak slabs.....	15.00
	B. F. Larcombe et al.....	Pay roll, printing office.....	2,397.35
	Total first quarter.....		33,742.50
Oct. 3	G. L. Lovett.....	Office rent.....	105.00
12	P. A. F. Walter, postmaster.....	Rent of post-office box.....	1.50
	The Apalachicola Electric Light and Telephone Co.....	Electric light.....	18.75
	Lone Star Ice Co.....	Ice.....	4.60
	The Steffen & Bretch Ice Co.....	do.....	4.60
	G. Rivenburg.....	do.....	2.76
	J. Campbell.....	Washing towels.....	2.25
	F. L. Knight.....	do.....	1.50
	The Southwest Telegraph and Telephone Co.....	Telephone services.....	15.00
	West Virginia Western Telephone Co.....	do.....	4.50
	Kalispell Water and Electric Co.....	do.....	12.00
	Santa Fe Electric Telephone Co.....	do.....	6.00
	Southern Bell Telephone and Telegraph Co.....	do.....	3.00
	do.....	do.....	21.00
	The Wichita Telephone Co.....	do.....	12.50
	Sunset Telephone and Telegraph Co.....	do.....	6.00
	Pennsylvania Telephone Co.....	do.....	18.00
	Pacific States Telephone and Telegraph Co.....	do.....	9.00
	Lynchburg Telephone Co.....	do.....	3.00
	The Rocky Mountain Bell Telephone Co.....	do.....	15.00
	Southern States Telephone Co.....	do.....	9.50
	The Colorado Telephone Co.....	do.....	12.00
	W. S. Rowe.....	do.....	3.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903 Oct. 12	The Pacific States Telephone and Telegraph Co.	Telephone services	\$7.50
	Bell Telephone Co. of Buffalo	do	29.50
	The Inland Telephone and Telegraph Co.	do	9.00
	Telephone Co. of South Jersey	do	5.00
	Rocky Mountain Bell Telephone Co.	do	9.00
	Buffalo, substations	Pay roll	162.00
	Norfolk, substations	do	120.00
	Macon, substations	do	39.25
	Pensacola, substations	do	36.00
	N. R. Taylor	Drayage	1.25
	J. P. Bolton	Telephone service, ice, etc	27.20
	W. A. Mitchell	Station expenses	36.62
	M. E. Blystone	Drayage	5.60
	A. G. McAdie	Traveling expenses	4.75
	H. C. Howe	do	5.75
	H. J. Cox	do	49.08
	The Okonite Co. (Limited)	Cable	57.50
	Scarritt-Comstock Furniture Co.	Office furniture	602.00
	Pan Electric Service and Appliance Co.	Adjusting motor, etc	14.50
	F. O. Wright	Painting instrument shelter	8.00
	The Fred Macey Co. (Limited)	Index cabinet	18.47
	Queen & Co. (Incorporated)	Triple register	\$25.00
	do	Alcohol	5.00
	Basche Sage Hardware Co.	Awnings	12.00
	United States Gas and Power Co.	Installing storm-warning lanterns	32.00
	W. J. Bailey	Removing shelving	55.00
	W. O. Zook	Repairing instrument shelter	1.00
	Grand Rapids Wholesale Furniture Co.	Letterpress stand	14.00
	F. G. & A. Howald	Repairing desk	7.00
	A. B. Dick Co.	Oil board backings	1.50
	Shipley & Co.	Typewriter stand	10.00
	W. T. Amick	Painting river gauge	25.00
	Addressograph Co.	Type .....	.90
	do	Type and ink	10.39
	Henry Heil Chemical Co.	Vaseline	14.00
	The Warner, Swasey Co.	Field glass	30.00
	Hoke Engraving Plate Co.	Clamps	1.00
	A. Kimball	Distributing warnings	25.00
	E. D. Foote	Repairing stove	5.40
	W. D. Frisbie	Repairing flagstaff	3.00
	R. Herrera	do	2.00
	A. L. Crumpton	Washing towels .....	.75
	California Machine Works	Erecting mast and engine shed	1,062.00
	W. J. Crawford	Drayage	2.30
	do	do	3.30
	G. F. Muth	Drawing board	3.60
	United States Express Co.	Express charges	10.50
	James B. Lambie Co. (Incorporated)	Files, iron pipe, etc	60.18
	do	File handles	3.60
	National Electrical Supply Co.	Magnet	9.65
	John C. Parker	Paper	419.00
	do	do	138.27
	do	do	58.50
	do	Ink eradicator	21.30
	do	Paper	75.80
	do	Map paper	785.00
	do	Paper	123.75
	do	do	82.50
	do	Blank books	40.32
	W. B. Moses & Sons	Office furniture	45.45
	do	do	47.60
	Lamb & Tilden	Rubber stamps	1.71
	United States Envelope Co.	Envelopes	993.02
	Mackall Bros	Soap	71.53
	L. S. Depue	Hay, straw, oats, and corn	31.05
	Edward Mullin	White rags	14.00
	R. P. Clarke Co.	Muslin	8.64
	M. G. Copeland	Answering pennants	4.50
	do	do	4.50
	M. Du Perow	Type	744.00
	American Writing Machine Co.	Repairs to typewriter	25.60
	do	Typewriter	72.25
	do	do	72.25
	Rudolph, West & Co.	Figures for river gauge	4.50
	do	Grindstone	5.50
	do	Copper oilers	1.44
	R. Carter Ballantyne	Stationery supplies	191.36
	R. P. Andrews & Co.	Paper, etc	204.54

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 12	Clarke & Davenport	Carpet	\$52.78
	Southern Printers Supply Co.	Hempel's quoins	5.51
	The Norris Peters Co.	Recutting negatives	6.00
	S. J. Venable	Map frames	50.00
	J. W. Jordan & Co.	Rollers	11.25
	J. H. Lee	Dynamite	75.00
	J. C. Entwistle	Engraving rain chart	10.00
	J. G. Smith	Penholders	30.00
	Western Union Telegraph Co.	Telegraph services	106.76
	do	do	16.00
	do	do	144.10
	New England Telephone and Telegraph Co.	do	2.60
	W. T. Lathrop	Traveling expenses	1.65
	J. H. Kimball	do	27.62
	C. B. Bright	do	9.50
	A. Brand	do	17.10
	do	do	1.85
	T. F. Townsend	do	3.60
	do	do	1.55
	J. T. Patterson	do	30.55
	E. C. Hobbs	do	22.35
	H. C. Hunter	do	3.95
	A. C. Pickels	do	2.25
	J. W. Carr	do	20.60
	H. B. Wren	do	3.70
	F. H. Duff	do	1.50
	Parkersburg, substations	Pay roll	72.50
	C. A. Blummer	Services	15.00
	R. J. McMaster	do	15.00
	C. C. Garrett	Station expenses	5.00
	E. H. Nimmo	Washing towels	1.50
	Chicago Auditorium Association	Office rent	437.50
	Taylor National Bank	do	143.75
	E. Harding	do	85.00
	O. Adams, jr.	do	120.00
	C. P. Meekins	Ground rent	3.00
	Walla Walla Lodge No. 56, I. O.-O. F.	Office rent	84.87
	J. Crocker	do	75.00
	Consolidated Improvement Co.	do	165.00
	City of Columbia, S. C.	do	90.00
	D. H. Ross	do	72.00
	O. I. Mairs	do	90.00
	M. G. Roves	do	40.00
	P. Sonna	do	120.00
	M. M. Latta	do	25.00
	Citizens Bank of Norfolk, Va.	do	131.25
	T. B. Catron	do	105.00
	Conrad National Bank	do	67.50
	Prudential Building Co.	do	170.00
	T. M. Jeffris & Co.	do	125.00
	C. M. Beeson	do	88.91
	D. L., S. C., G. C. Buhne and M. C. Pratt	do	92.20
	Dent & Beutler	do	105.00
	Fremont Lumber Co.	do	87.75
	Law Building Co.	do	62.50
	Paine Bros.	do	77.70
	H. Rolle	Roof rent	9.00
	Postal Telegraph Cable Co. of Texas	Telegraph services	109.68
	Jacksonville and St. Johns Bar Telegraph Line	do	8.00
	Chicago, Burlington and Quincy R. R. Co.	do	2.52
	Pacific States Telephone and Telegraph Co.	do	10.40
	Ocean Towboat Line	do	30.00
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do	16.30
	Idaho Independent Telephone Co. (Limited)	Telephone services	12.00
	The Toledo Home Telephone Co.	do	16.00
	Larned Telephone Co.	do	3.00
	Pacific States Telephone and Telegraph Co.	do	9.00
	Southern Bell Telephone and Telegraph Co.	do	9.00
	Chicago Telephone Co.	do	72.50
	Narragansett Pier R. R. Co.	Passenger transportation	10.57
	Pennsylvania R. R. Co.	do	45.05
	Chicago, Milwaukee and St. Paul Rwy. Co.	do	20.60
	Seaboard Air Line Rwy.	do	19.85
	Duluth, South Shore and Atlantic Rwy. Co.	do	9.75
	Baltimore and Ohio R. R.	do	21.32
	Grand Trunk Rwy. Co.	do	2.50
	Chesapeake and Ohio Rwy. Co.	do	6.25
	Louisville and Nashville R. R. Co.	do	21.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 12	Naegele & Co.	Printing climate and crop reports.	\$25.00
	Mungers Laundry Co.	Towel supply.	6.00
	Tampa Electric Co.	Electric light.	3.00
	The Wichita Gas, Electric Light and Power Co.	Electric current.	6.25
	Cheyenne Ice Co.	Ice.	5.00
	D. Swinehart.	do.	6.00
	A. C. Lake.	Repairing telegraph line.	1.00
	R. Munroe.	do.	1.00
	W. T. Scott.	Repairing instrument shelter.	6.00
	B. S. Mason.	Painting instrument shelter.	12.00
	J. A. Roebblings' Sons Co.	Copper wire and connectors.	64.80
	Seth Thomas Clock Co.	Regulators.	110.00
	Valley Paper Co.	Paper.	811.20
	The J. M. Klein Electric Works.	Telegraph cable.	1,750.00
	Peter Gray & Sons.	Copper tank.	5.00
	Chadwick Copying Book Co.	Copying books.	11.00
	Carter, Rice & Co. (Corporation).	Paper.	490.20
	J. S. Craig.	Repairing wind vane.	3.50
	A. Zappone.	Traveling expenses.	3.80
	C. M. Strong.	do.	13.50
	B. Bunnemeyer.	do.	23.01
	M. A. Robinson.	do.	14.90
	F. H. Brandenburg.	do.	32.00
	J. T. Myers.	Services.	15.00
	C. Sevilla.	do.	5.00
	G. N. Wilson.	Drayage.	.40
	J. J. Gray.	Subsistence.	45.00
	Southern Bell Telephone and Telegraph Co.	Telephone services.	12.00
	Cumberland Telephone and Telegraph Co.	do.	21.00
	Fayette Home Telephone Co.	do.	4.50
	Cumberland Telephone and Telegraph Co.	do.	48.00
	Southern Bell Telephone and Telegraph Co.	do.	12.00
	Palestine Telephone Co.	do.	9.00
	New York Telephone Co.	do.	60.00
	Southern Bell Telephone and Telegraph Co.	do.	9.00
	New York and Pennsylvania Telephone and Telegraph Co.	do.	12.00
	Southern Bell Telephone and Telegraph Co.	do.	15.00
	Cumberland Telephone and Telegraph Co.	do.	16.50
	Consolidated Telephone Cos. of Pennsylvania	do.	9.00
	Pennsylvania Telephone Co.	do.	11.25
	The Southwestern Telegraph and Telephone Co.	do.	7.50
	The San Antonio Telephone Co.	do.	7.50
	Cumberland Telephone and Telegraph Co.	do.	19.50
	Southern Bell Telephone and Telegraph Co.	do.	7.50
	Wytheville Telephone Co.	do.	3.75
	The Empire State Telephone and Telegraph Co.	do.	7.50
	The Bell Telephone Co. of Missouri.	do.	22.50
	Missouri and Kansas Telephone Co.	do.	6.00
	Southern Bell Telephone and Telegraph Co.	do.	24.00
	The Diamond State Telephone Co.	do.	6.25
	Missouri and Kansas Telephone Co.	do.	25.00
	Citizens Telephone Co.	do.	13.25
	Duluth City Telephone Co.	do.	7.50
	Duluth Telephone Co.	do.	12.50
	Chesapeake and Potomac Telephone Co.	do.	31.25
	York State Telephone Co.	do.	7.50
	Rocky Mountain Bell Telephone Co.	do.	8.25
	New Telephone Co.	do.	10.00
	Michigan Telephone Co.	do.	6.00
	The Louisville Home Telephone Co.	do.	12.00
	New York and Pennsylvania Telephone and Telegraph Co.	do.	7.50
	E. V. Hauser.	do.	10.50
	Central New York Telephone and Telegraph Co.	do.	20.00
	Southern Bell Telephone and Telegraph Co.	do.	12.00
	Topeka Independent Telephone Co.	do.	9.00
	The Cleveland Telephone Co.	do.	33.00
	LaCrosse Telephone Co.	do.	7.50
	Ontario Telephone Co.	do.	15.00
	Peninsular Telephone Co.	do.	8.25
	East Tennessee Telephone Co.	do.	9.00
	Home Telephone Co.	do.	7.50
	Columbus Citizens Telephone Co.	do.	10.00
	Central Union Telephone Co.	do.	15.00
	Sunset Telephone and Telegraph Co.	do.	15.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 12	Southern Bell Telephone and Telegraph Co.	Telephone services	\$4.50
	Black Hills Telegraph and Telephone Co.	do.	21.00
	Interstate Telephone and Telegraph Co.	do.	4.50
	Wisconsin Telephone Co.	do.	12.00
	The City and Suburban Telegraph Association.	do.	21.00
	Asheville Telephone Co.	do.	6.00
	The Northwestern Telephone Exchange Co.	do.	21.00
	Sunset Telephone and Telegraph Co.	do.	6.00
	Bell Telephone Co. of Buffalo.	do.	1.65
	Union Trust Co.	do.	28.50
	A. J. Knight.	Office rent.	82.19
	City of Palestine, Tex.	do.	78.50
	Albert Marty.	do.	165.00
	B. M. Jacobs.	do.	20.00
	Tacoma Chamber of Commerce and Board of Trade.	do.	75.00
	Asheville Library Association.	do.	75.00
	Michigan Trust Co. Building.	do.	350.00
	B. S. Williams.	do.	73.00
	Bank of Wytheville, Va.	do.	100.00
	Title Guarantee Loan and Trust Co.	do.	60.00
	K. F. Coke.	do.	60.00
	W. Talbott.	do.	120.00
	C. J. Buell.	do.	94.50
	J. K. Porter.	do.	150.00
	A. W. Kennie.	do.	75.00
	D. W. King.	Washing towels.	3.00
	L. Wilson.	do.	1.50
	A. Klein.	do.	2.00
	Baltimore Towel Supply Co.	do.	2.25
	San Antonio Gas and Electric Co.	Electric light.	3.12
	Georgetown Electric Light Co.	do.	8.75
	Charleston Consolidated Rwy., Gas and Electric Co.	do.	8.75
	New Bedford Gas and Edison Light Co.	do.	7.50
	Charleston Consolidated Rwy., Gas and Electric Co.	do.	8.75
	Annapolis Gas and Electric Light Co.	do.	9.00
	W. V. Hughes.	do.	9.00
	Peoples Gas and Electric Co. of Oswego.	do.	1.65
	A. J. Knight.	Electric current.	2.75
	Indianapolis Light and Power Co.	do.	18.00
	C. H. Green & Co.	Ice.	4.30
	The Human Ice Co.	do.	5.25
	W. G. Harwood.	do.	2.70
	Oklahoma Ice and Cold Storage Co.	do.	3.68
	C. B. Little.	Water.	11.00
	O. A. Solomon.	Repairing wind vane.	5.00
	The Newbome Co.	Repairing instrument supports, etc.	12.00
	Pearson & Letzig.	Repairing roof apparatus.	15.00
	T. P. Simpson.	Dynamite.	39.25
	A. E. Tilden.	Cleaning carpet.	2.50
	J. S. Smith.	Ink and mucilage.	3.00
	H. Wheeler.	do.	4.25
	E. G. Penke.	Repairing anemometer.	5.00
	A. J. Miller.	Repairing clock.	2.00
	American Type Founders Co.	Type.	3.95
	Schacht & Riorden.	Repairing clock.	2.00
	E. W. Turner.	do.	1.50
	Terro Carrill y Almacenes de Santiago de Cuba.	Passenger transportation.	24.00
	The Lake Shore and Michigan Southern Rwy. Co.	do.	2.50
	Southern Rwy. Co.	do.	6.80
	Boston and Maine R. R.	do.	22.00
	Detroit and Cleveland Navigation Co.	do.	3.75
	Elizabeth City and Norfolk Telegraph Co.	Telegraph services.	2.50
	Chicago, Burlington and Quincy R. R. Co.	do.	2.40
	Hoke Engraving Plate Co.	Recoating base plates.	162.50
15	C. F. Marvin.	Traveling expenses.	19.80
	W. F. Clark.	do.	50
	F. H. Bigelow.	do.	39.93
	W. S. Palmer.	do.	47.75
	J. N. Ryker.	do.	26.45
	R. M. Hardinge.	do.	49.90
	R. G. Allen.	do.	9.99
	C. F. von Herrmann.	Janitor service, drayage, etc.	25.54
	J. I. Widmeyer.	Station supplies.	2.85

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 15	M. B. Stubbs.....	Subsistence.....	\$31.00
	do.....	do.....	30.00
	E. L. Renoe.....	Telephone rent.....	3.00
	J. C. Piercy.....	Repairing wind vane, etc.....	4.00
	P. Connor.....	Car fare.....	8.40
	J. W. Smith.....	Express charges.....	6.82
	W. Ellis.....	Services.....	9.00
	The Southern New England Telephone Co.....	Telephone services.....	27.00
	E. S. Allen.....	do.....	7.50
	New England Telephone and Telegraph Co.....	do.....	14.25
	Mississippi Valley Telephone Co. of Iowa.....	do.....	6.15
	Maryland Telephone and Telegraph Co.....	do.....	18.00
	East Tennessee Telephone Co.....	do.....	12.00
	Southern Bell Telephone and Telegraph Co.....	do.....	15.00
	Jacksonville Telephone Co.....	do.....	7.50
	Peoples Telephone and Telegraph Co.....	do.....	7.50
	East Tennessee Telephone Co.....	do.....	9.00
	The Bell Telephone Co. of Philadelphia.....	do.....	17.25
	Keystone Telephone Co. of Philadelphia.....	do.....	20.00
	Kinloch Telephone Co.....	do.....	15.00
	Arizona Publishing Co.....	Printing climate and crop reports.....	98.50
	Vicksburg Herald.....	do.....	52.00
	World Publishing Co.....	do.....	35.75
	State Journal Co.....	do.....	22.75
	Emily Culbertson.....	Office rent.....	127.50
	Port Huron Light and Power Co.....	Electric light.....	1.50
	Green Bay Light and Power Co.....	do.....	6.25
	Astoria Electric Co.....	do.....	4.00
	Phoenix Light and Fuel Co.....	do.....	5.25
	Edison Sault Electric Co.....	do.....	16.25
	Marblehead Municipal Lighting Co.....	do.....	4.87
	Townsend Gas and Electric Co.....	do.....	7.50
	Agricultural and Mechanical College of Kentucky.....	do.....	3.00
	Owen & Welsh Co.....	Electric current.....	4.65
	Minneapolis General Electric Co.....	do.....	15.00
	Lincoln Traction Co.....	do.....	13.50
	Buffalo Gas Co.....	Gas.....	5.00
	Standard Gas and Electric Co.....	do.....	12.15
	Muckerman Ice and Coal Co.....	Ice.....	2.30
	City Delivery Co.....	do.....	1.25
	W. B. Lount.....	do.....	9.10
	C. G. LeClair.....	do.....	3.00
	The Consumers Co.....	do.....	10.00
	American Toilet Supply Co.....	Toilet supplies.....	2.25
	McCormick & Bates.....	Drayage.....	1.00
	Pacific States Telephone and Telegraph Co.....	Battery cells.....	1.08
	do.....	do.....	1.08
	American Type Founders Co.....	Moving printing press.....	8.00
	Mais & Sant.....	Removing instrument platform, etc.....	134.44
	J. J. Nolan.....	Repairing addressograph.....	1.00
	The San Francisco Electric Co.....	Wireless telegraph supplies.....	5.58
	P. Evirp.....	Reeving halyards.....	3.00
	American Type Founders Co.....	Printing supplies.....	5.92
	Standard Oil Co.....	Oil.....	22.44
	R. H. Vorpahl.....	Recasting rollers.....	6.50
	Board of Public Works, Sault Ste. Marie.....	Water supply.....	3.50
	J. E. Baum.....	Taking down wind vane, etc.....	4.50
	N. P. Hansen.....	Repairing instrument shelter.....	5.50
	J. H. Leslie.....	Tools.....	9.95
	J. B. Taylor.....	Repairing typewriter.....	3.00
	J. A. Tennent.....	Repairing river gage.....	8.00
	J. H. Bunnell & Co.....	Dry batteries.....	14.40
	J. B. Bacheller.....	Erection of wind vane.....	10.00
	American Type Founders Co.....	Leads.....	1.17
	C. H. Davidson.....	Shelving in storeroom.....	4.25
	The Van Bibber Roller Co.....	Recasting rollers.....	4.00
	Faneuil Watch Tool Co.....	Wireless telegraph supplies.....	191.85
	Patrick & Co.....	Stencils.....	5.00
	H. E. Otto.....	Connections with gas stove.....	3.50
	Josiah Conover.....	Office furniture.....	48.00
	Myer Newberger.....	Type protecting sheets.....	8.00
	Cleveland, Akron and Columbus Rwy.....	Freight transportation.....	.48
	do.....	do.....	.48
	Star Union Line.....	do.....	.62
	Louisville and Nashville R. R. Co.....	do.....	.46
	Atlantic Coast Line R. R. Co.....	do.....	.58
	Virginia Truckee R. R. Co.....	do.....	.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 15	Richmond, Fredericksburg and Potomac R. R. Co.	Freight transportation	\$0.25
	Lehigh and Hudson River Rwy. Co.	do .....	.38
	E. Hayden.	Drayage .....	.85
	Bell Telephone Co. of Buffalo.	Telephone services .....	.55
	West Virginia Central and Pittsburg Rwy. Co.	Passenger transportation .....	.55
	A. L. Brockway.	Traveling expenses	6.25
	T. S. Outram.	do	1.77
20	Flint & Walling Manufacturing Co.	Instrument supports	417.00
	do.	Storm-warning towers	3,127.00
	Z. D. Gilman.	Amyl acetate	1.25
	Goodyear Rubber Co.	Wireless telegraph supplies	4.50
	Richard Fysh.	Cleaning clock	1.00
	Philip Lindemeyr.	Cardboard	22.50
	H. G. Razall Manufacturing Co.	Copying bath	6.00
	Springer Bros.	Cleaning river gage	3.00
	J. C. Burton.	Erecting roof instruments	30.00
	Caleb Wilson.	Erecting weather map	8.00
	Alexander Yost Co.	Wireless telegraph supplies	62.35
	E. G. Plake.	Repairing instrument shelter	7.50
	J. A. Roebbing's Sons Co.	Wire	32.10
	J. H. Bunnell & Co.	Jack boards, etc.	28.80
	J. W. Strickland.	Drayage	15.00
	Richmond Type and Electrotype Foundry.	Type	53.63
	O. E. Plath.	Furnigating office	5.00
	Chicago, substations	Pay roll	349.60
	W. G. Burns.	Station expenses	5.95
	P. McDonough.	do	9.40
	L. N. Jesunofsky.	Drayage	2.00
	A. E. Hackett.	Station expenses	10.15
	S. W. Glenn.	do	4.45
	E. H. Emery.	do	24.35
	W. C. Devereaux.	Subsistence and station supplies	34.17
	I. M. Cline.	Drayage	2.05
	G. E. Grimes.	Station expenses	4.65
	W. A. Mitchell.	do	1.98
	Columbia Telephone Co.	Telephone services	6.00
	Pacific States Telephone and Telegraph Co.	do	18.00
	New England Telephone and Telegraph Co.	do	8.25
	The Southwestern Telegraph and Telephone Co.	do	14.00
	Sunset Telephone and Telegraph Co.	do	15.00
	Central Union Telephone Co.	do	10.50
	Nebraska Telephone Co.	do	21.00
	do.	do	15.00
	The Gordon Telephone Co.	do	9.00
	Robt. Tyler.	Printing climate and crop reports	10.00
	W. Rigby.	do	36.00
	Nashville Gas Co.	Gas	7.90
	Omaha Towel Co.	Washing towels	3.00
	M. T. Hayden.	do	3.00
	The Silver State Towel Supply Co.	do	3.00
	Jacksonville Towel Co.	do	3.00
	G. A. Von Blucher.	Ice	4.60
	J. W. Eagleson.	do	7.50
	Cape May Light and Power Co.	Electric light	3.15
	Fall River Electric Light Co.	do	9.00
	E. A. Born.	do	27.75
	The John M. Klein Electric Co.	Repairing telegraph line	50.50
	American Surety Co. of New York.	Office rent	875.00
	Dexter Horton.	do	120.00
	O. I. Taylor.	do	6.25
	Yale Hicks, agent.	do	120.00
	F. E. Warren Mercantile Co.	do	155.00
	E. D. Osborn.	do	125.00
	W. H. Dann.	do	72.00
	Indianapolis Gas Co.	do	256.25
	Ed S. Hughes & Co.	do	95.45
	J. L. Connell.	do	118.75
	Pacific Club.	do	65.75
	Society for Savings.	do	285.00
	F. D. Miracle.	do	147.00
	Bank of Tehama Co.	do	99.06
	Margaret Parmentier.	do	74.25
	The Gamble Desmond Co.	do	96.00
	Jose Valenti.	do	75.00
	The Chemical Building Co.	do	300.00
	N. W. Mutual Life Insurance Co. of Milwaukee.	do	125.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 20	M. E. Conway.....	Office rent.....	\$37.74
	Humboldt County, Nev.....	do.....	67.00
	Dyal-Upchurch Investment Co.....	do.....	187.50
	New York, New Haven and Hartford R. R. Co.....	Passenger transportation.....	12.25
	Great Northern Rwy. Co.....	do.....	8.60
	The Pennsylvania R. R. Co.....	do.....	104.75
	Edmond Hayden.....	Drayage.....	2.15
	J. J. Kelliher.....	do.....	2.00
	Philadelphia, substations.....	Pay roll.....	60.00
	Harrisburg, substations.....	do.....	88.75
	R. L. Lewis.....	Telephone services.....	24.00
	New England Telephone and Telegraph Co.....	do.....	29.00
	Cumberland Telephone and Telegraph Co.....	do.....	10.00
	Consolidated Telephone Co.....	do.....	5.00
	Northwestern Telephone Exchange Co.....	do.....	18.00
	Cumberland Telephone and Telegraph Co.....	do.....	29.85
	Rocky Mountain Bell Telephone Co.....	do.....	12.00
	Southern Bell Telephone and Telegraph Co.....	do.....	12.00
	Pacific States Telephone and Telegraph Co.....	do.....	25.50
	Central District and Printing Telegraph Co.....	do.....	35.75
	Wisconsin Telephone Co.....	do.....	3.75
	Sunset Telephone and Telegraph Co.....	do.....	4.50
	Southwestern Telegraph and Telephone Co.....	do.....	21.00
	Southern Bell Telephone and Telegraph Co.....	do.....	12.00
	Cumberland Telephone and Telegraph Co.....	do.....	12.00
	Southwestern Telegraph and Telephone Co.....	do.....	9.00
	Rocky Mountain Bell Telephone Co.....	do.....	10.50
	New England Telephone and Telegraph Co.....	do.....	14.25
	Southwestern Telegraph and Telephone Co.....	do.....	9.00
	The Dubuque Telephone Co.....	do.....	6.00
	Georgia Telephone and Telegraph Co.....	do.....	15.00
	Mill Valley and Mount Tamalpais Scenic Rwy.....	Office rent.....	105.00
	First National Bank, Portland, Me.....	do.....	126.00
	The Farmers National Bank of Texas.....	do.....	94.50
	Wm. Curry's Sons.....	do.....	24.00
	H. H. Taylor, agent.....	do.....	622.50
	H. Bolton.....	do.....	52.84
	J. Gussenhoven.....	do.....	90.00
	Department of Interior of Porto Rico.....	do.....	150.00
	The Hayden Co.....	do.....	300.00
	J. B. Smith.....	do.....	75.00
	Los Angeles Trust Co.....	do.....	195.00
	W. Pollman.....	do.....	112.50
	F. L. Keating.....	do.....	96.00
	United Electric Light and Power Co.....	Electric light.....	9.00
	Mutual Light and Water Co.....	do.....	7.20
	Asheville Electric Co.....	do.....	3.60
	O. C. G. Urban.....	do.....	12.50
	Rockingham County Light and Power Co.....	do.....	7.26
	The Raleigh Electric Co.....	Electric current.....	5.23
	Fort Smith Light and Traction Co.....	do.....	7.50
	Peoples Gas Light and Coke Co.....	Gas.....	11.60
	Barnhart Bros. & Spindler.....	Printing supplies.....	11.29
	Summers Printing Co.....	Printing climate and crop bulletins.....	53.95
	The R. L. Bryan Co.....	do.....	56.00
	J. F. Beck.....	Washing towels.....	3.00
	The Towel Manufacturing Co. (Limited).....	do.....	3.00
	J. E. Garrett.....	do.....	.75
	Nashville Laundry Co.....	do.....	1.80
	Dora Moyer.....	do.....	6.00
	Johnson & Johnson.....	Ice.....	3.95
	Capital Ice Co.....	do.....	3.95
	C. N. Millhollin & Son.....	do.....	4.60
	American Ice Co.....	do.....	3.95
	The Union Ice Co.....	do.....	9.20
	Consumers Ice Co.....	do.....	3.95
	Bausch & Lomb Optical Co.....	Field glasses.....	30.00
	Gether, Drebert, Perkins Co.....	Stereotype metal.....	30.99
	Standard Oil Co.....	Oil.....	7.42
	Noel Gratton.....	Replacing halyards.....	1.00
	J. Weltmer.....	Oil.....	6.40
	H. Brooker & Co.....	Gasoline and oil.....	11.30
	Addressograph Co.....	Addressograph supplies.....	5.15
	Western Fuel Co.....	Coal and wood.....	80.00
	do.....	do.....	75.00
	Dorsey Printing Co.....	Repairing typewriter.....	13.85
	Stoll & Thayer Co.....	Type, ink, mucilage.....	21.20
	P. N. Kuss Co.....	Station supplies.....	7.39

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 20	Valley Paper Co.	Map paper.	\$60.80
	J. H. McWatters	Oil.	10.80
	Southern Rwy. Co.	Passenger transportation.	32.65
	Mill Valley and Mount Tamalpais Scenic Rwy	Cleaning office.	15.00
	S. W. Lightner	Services.	30.00
	M. A. Webster	do.	16.00
	J. E. Harris, Jr.	do.	16.00
	Littlefield, Alvord & Co.	Drayage.	17.77
	J. G. Entwistle	Engraving rain chart.	10.00
	Jos. Bryan	Office rent.	150.00
	W. G. Baum	Repairing telegraph line.	10.50
	P. Brown	Rent of team and driver.	7.00
	George Meier & Co.	Gum arabic.	3.20
	Philadelphia, substations.	Pay roll.	69.00
	Charleston, substations.	do.	172.00
24	Francis Miller	Turpentine.	29.98
	National Electrical Supply Co.	Carbons.	1.50
	Lamb & Tilden	Rubber stamps.	3.90
	J. C. Parker	Paper.	134.40
	do.	do.	78.00
	James B. Lambie Co. (Incorporated)	Screws.	1.40
	United States Express Co.	Express charges.	12.39
	Geo. F. Muth & Co.	Paint.	1.80
	do.	Benzine.	9.01
	Lutz & Co.	Halter.	1.75
	do.	Saddle cloth.	4.50
	American Writing Machine Co.	Platen.	2.70
	do.	do.	2.70
	Standard Oil Co.	Dynamo.	7.65
	American Writing Machine Co.	Repairing typewriter.	6.33
	L. H. Murdoch	Traveling expenses.	26.50
	Peter Gray & Sons.	Lantern chimneys.	24.00
	Keystone Type Foundry	Type.	3.18
	Wood & Thoenen.	Repairing roof.	12.23
	E. Logan	Ink and paste.	6.85
	The Pain Manufacturing Co.	Signal rockets.	18.00
	W. H. H. Smith.	Team hire.	2.00
	L. M. Barnes.	Repairing telegraph line.	12.50
	H. Wollenberg, administrator.	Office rent.	84.75
	Hudson River Telephone Co.	Telephone services.	16.50
	Times-Journal Publishing Co.	Printing climate and crop reports.	45.50
	W. B. Moses & Sons.	Office furniture.	80.65
	R. P. Andrews & Co. (Incorporated)	Paper.	72.40
	The Maurice Joyce Engraving Co.	Electrotype plates.	24.95
	Keasbey & Mattison.	Felt.	1.13
	J. E. Turton.	Instrument shelters.	618.00
	R. P. Clarke Co.	Flannel, etc.	12.40
	Forsberg & Murray.	Tube cleaners.	5.00
	E. Hayden.	Drayage.	1.03
	Charleston, substations.	Pay roll.	30.00
	San Francisco, substations.	do.	160.00
	The Colorado Telephone Co.	Telephone services.	28.50
	Union Trust Company of Detroit.	do.	7.50
	Amarillo Telephone Exchange.	do.	7.50
	Colorado Telephone Co.	do.	13.50
	Bluff City Telephone Co.	do.	15.00
	Electric Lighting Co. of Mobile.	Electric light.	1.92
	Alpena Electric Light Co.	do.	6.00
	Max Levy.	Electric current.	30.00
	Nashville Railway and Light Co.	do.	15.00
	C. A. Johnson.	Washing towels.	3.00
	N. Johnson.	Ice.	9.00
	The Schnepf & Lauer Co.	Printing climate and crop reports.	32.50
	A. A. Finck.	do.	26.00
	New England Telephone and Telegraph Co.	Telegraph services.	2.60
	Western Union Telegraph Co.	Repairing telegraph line.	9.85
	T. A. Bayley.	Running levels.	10.00
	Carter, Rice & Co. (Corporation)	Cardboard.	37.50
	T. P. Jeffords.	Removing roof instruments.	40.00
	C. D. Page.	Drayage.	8.75
	C. D. Widman & Co.	Weather map.	325.00
	E. G. Turner.	Painting office sign.	3.00
	C. J. Tual.	Repairing instrument shelter.	2.50
	Duluth Van and Storage Co.	Drayage.	2.75
	Minneapolis Gas Light Co.	Gas stove.	6.00
	David Jones.	Carpet and laying.	67.16
	J. H. Crane Furniture Co.	Mirror.	6.50
	P. N. Kuss Co.	Wireless telegraph supplies.	7.89
	Robert Best.	Repairing furniture.	27.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 24	Cumberland Telephone and Telegraph Co.	Telegraph services	\$156.90
	.....do.....	.....do.....	39.30
	Adolyn Gale Miley	Services	9.50
	Southern Bell Telephone and Telegraph Co.	Telegraph services	7.50
	.....do.....	.....do.....	7.80
	Central District and Printing Telegraph Co .....	.....do.....	19.00
	Pacific States Telegraph and Telephone Co .....	.....do.....	38.40
	Washington County Telephone Co .....	.....do.....	7.40
	Chesterfield Telephone and Telegraph Co.	Telephone services	7.70
	The Ohio River Telephone Co .....	.....do.....	17.40
	East Tennessee Telephone Co	Telegraph services	30.90
	The French Telegraph Cable Co .....	.....do.....	76.00
	The Tyrrell County Telephone Co .....	.....do.....	7.40
	Alabama, Mississippi and Tennessee Tele- phone Co .....	.....do.....	6.25
	Moncure and Pittsboro Telegraph Co .....	.....do.....	7.10
	Winton Telegraph Co .....	.....do.....	7.60
	Peninsular and Occidental Steamship Co.	Passenger transportation	12.55
	Maricopa and Phoenix Salt River Valley R. R. Co. ....	.....do.....	2.10
	Iowa Telephone Co	Telephone services	30.00
	Sunset Telephone and Telegraph Co .....	.....do.....	6.00
	Citizens Telephone Co. of Muskegon .....	.....do.....	6.00
	Wisconsin Telephone Co .....	.....do.....	30.00
	Dunn & Lemmon	Printing climate and crop reports	36.00
	World Publishing Co .....	.....do.....	2.75
	Chapin & Simpson	Rent of horse and buggy	62.30
	Consolidated Gas Co	Gas for stereotyping .....	.33
	Pacific Micro. Materials Co	Apparatus for testing water	8.35
	Foote, Pierson & Co	Lightning arresters	3.00
	Plaster & Robey	Wagon springs	5.50
	S. A. D. Keister	Ink and mucilage	3.25
	Alexander, Baker & Co. (Limited)	Index cards	4.75
	W. H. Light	Running levels	5.00
	Western Union Telegraph Co	Constructing loop	180.83
	Frank Jermin	Station expenses	1.25
	H. C. Howe .....	.....do.....	4.50
	C. F. Schneider	Express charges	6.50
	Charleston, substations	Pay roll	73.60
	A. Zappone	Traveling expenses	5.80
	Atlanta, substations	Pay roll	202.00
	.....do.....	.....do.....	18.25
	Augusta substations .....	.....do.....	165.60
	.....do.....	.....do.....	30.00
	Baltimore, substations .....	.....do.....	90.00
	Cincinnati, substations .....	.....do.....	187.00
	Chattanooga, substations .....	.....do.....	140.00
	Duluth, substations .....	.....do.....	150.00
	Galveston, substations .....	.....do.....	30.00
	Indianapolis, substations .....	.....do.....	183.60
	New York, substations .....	.....do.....	35.00
	New Haven, substations .....	.....do.....	48.00
	Cairo, substations .....	.....do.....	133.90
	Des Moines, substations .....	.....do.....	237.00
	Kansas City, substations .....	.....do.....	308.60
	Louisville, substations .....	.....do.....	294.40
	Montgomery, substations .....	.....do.....	49.75
	.....do.....	.....do.....	153.20
	Milwaukee, substations .....	.....do.....	180.00
	Memphis, substations .....	.....do.....	51.00
	.....do.....	.....do.....	220.80
	New Orleans, substations .....	.....do.....	165.40
	.....do.....	.....do.....	127.50
	Omaha, substations .....	.....do.....	25.10
	Port Huron, substations .....	.....do.....	90.00
	Portland, Me., substations .....	.....do.....	60.00
	Portland, Oreg., substations .....	.....do.....	130.00
	.....do.....	.....do.....	135.00
	Sault Ste. Marie, substations .....	.....do.....	61.00
	Savannah, substations .....	.....do.....	84.00
	Vicksburg, substations .....	.....do.....	110.40
	.....do.....	.....do.....	72.00
	Wilmington, substations .....	.....do.....	128.60
	.....do.....	.....do.....	21.00
	N. W. Wagner	Services	21.00
	C. P. Disney .....	.....do.....	14.40
	P. J. Edwards .....	.....do.....	6.10
	J. W. Byram	Telephone rent	22.33
	M. B. Stubbs	Station expenses	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 24	A. Zappone.....	Traveling expenses.....	\$7.35
	E. R. Miller.....	do.....	28.45
	C. L. Mills.....	do.....	11.55
	W. G. Stimpson.....	do.....	2.60
	W. L. Moore.....	do.....	5.80
	W. M. Wilson.....	do.....	38.95
	C. W. Schmid.....	Services.....	6.25
	J. J. O'Donnell.....	Subsistence.....	30.00
	J. A. Balster.....	Station expenses.....	7.75
	F. H. Clarke.....	do.....	1.37
	A. McC. Ashley.....	Drayage, etc.....	3.00
	F. H. Brandenburg.....	Benzine.....	1.20
	J. W. Bauer.....	Express charges, etc.....	4.05
	T. F. Townsend.....	Iron can.....	.80
	L. H. Daingerfield.....	Telephone holder.....	2.00
	P. De Graw.....	Station expenses and subsistence.....	207.15
	B. C. Kadel.....	Subsistence.....	61.00
	J. Fitzgerald.....	Station supplies.....	1.70
	R. M. Geddings.....	Drayage.....	1.70
	D. Cuthbertson.....	Station expenses.....	14.00
	C. W. Ling.....	Post-office box rent.....	1.50
	A. F. Sims.....	Express charges.....	2.60
	Crutsinger Roller Co.....	Recasting rollers.....	2.00
	Crescent Iron Works.....	Iron fence.....	49.50
	Southern Bell Telephone and Telegraph Co.....	Telephone services.....	8.25
	Southwestern Telegraph and Telephone Co.....	do.....	15.00
	Central Union Telephone Co.....	do.....	25.50
	Pacific States Telephone and Telegraph Co.....	do.....	39.00
	do.....	do.....	4.50
	A. Lynn e'Hijos de Perez Moris.....	Printing climate and crop reports.....	78.00
	Houghton County Electric Light Co.....	Electric light.....	5.97
	Needham Brothers.....	Washing towels.....	1.83
	P. A. Willis.....	Rent of roof and flagstaff.....	10.00
	Sucessores de J. B. Vicini.....	Office rent.....	120.00
	A. L. Cook.....	do.....	90.00
	J. E. Dooly.....	do.....	150.00
	Chamber of Commerce Building Co.....	do.....	93.21
	M. E. Shelden.....	do.....	93.75
	Cleary Bros.....	do.....	130.60
	Estate of J. G. Hatch.....	do.....	64.75
	A. B. Smith.....	do.....	85.35
31	Alpena, substations.....	Pay roll.....	105.00
	Cleveland, substations.....	do.....	254.68
	Fort Smith, substations.....	do.....	39.00
	Houghton, substations.....	do.....	60.00
	La Crosse, substations.....	do.....	95.00
	Little Rock, substations.....	do.....	60.00
	Minneapolis, substations.....	do.....	338.20
	Mobile, substations.....	do.....	147.20
	do.....	do.....	72.00
	Nashville, substations.....	do.....	72.40
	New Orleans, substations.....	do.....	147.00
	do.....	do.....	239.00
	Omaha.....	do.....	218.60
	Richmond, substations.....	do.....	7.50
	St. Louis, substations.....	do.....	120.45
	do.....	do.....	165.60
	Savannah, substations.....	do.....	184.00
	Shreveport, substations.....	do.....	42.50
	Sioux City, substations.....	do.....	84.00
	Columbus, substations.....	do.....	275.80
	Jacksonville, substations.....	do.....	75.00
	Pittsburg, substations.....	do.....	369.00
	Raleigh, substations.....	do.....	120.00
	H. Hamilton.....	Services.....	15.00
	H. C. Pillichody.....	do.....	30.00
	C. P. Searle.....	do.....	30.00
	W. A. Crawford.....	do.....	2.50
	J. Hyslop.....	do.....	30.00
	J. E. Cotter.....	do.....	15.75
	Norfolk and Washington D. C., Steamboat Co.....	Passenger transportation.....	6.00
	Peninsular and Occidental Steamship Co.....	do.....	12.50
	Washington Southern Rwy. Co.....	do.....	6.05
	Clinkett & Coates.....	Office rent.....	69.25
	Union Trust Building Co. (Limited).....	do.....	167.50
	The First National Bank of Moorhead.....	do.....	66.31
	Adam Geiger.....	do.....	60.00
	Fraternal Hall Association.....	do.....	105.00
	E. L. Renoe.....	do.....	150.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 31	D. B. Dodge.....	Office rent.....	\$59.99
	E. P. Jones.....	.....do.....	25.00
	Charles Baldwin.....	.....do.....	112.50
	Improvement Loan and Trust Co.....	.....do.....	50.00
	.....do.....	.....do.....	137.50
	J. R. Hunter, agent.....	.....do.....	279.00
	K. Wagner.....	.....do.....	75.00
	Marquette County Savings Bank.....	.....do.....	90.00
	J. W. Cronk.....	Drayage.....	1.50
	E. C. Vose.....	Office expenses, etc.....	3.00
	M. E. Blystone.....	.....do.....	.80
	A. G. McAdie.....	Expressage.....	.40
	H. C. Bate.....	Traveling expenses.....	15.75
	E. C. Vose.....	.....do.....	9.00
	A. G. McAdie.....	.....do.....	7.25
	J. L. Cline.....	.....do.....	20.00
	Morgan City Improvement Co. (Limited).....	Electric light.....	2.50
	Sociedad Anonima Luz Electrica.....	.....do.....	21.60
	The Commercial Electric Co.....	.....do.....	7.72
	F. G. Blaisdell.....	Telephone and water.....	16.50
	Iowa Telephone Co.....	Telephone services.....	15.00
	Union Trust Co.....	Extending telephone line.....	23.08
	Marthas Vineyard Telegraph Co.....	Telegraph services.....	30.42
	.....do.....	.....do.....	31.43
	Southern Bell Telephone and Telegraph Co.....	Telephone services.....	18.00
	Mutual Telephone Co.....	.....do.....	11.25
	Pacific States Telephone and Telegraph Co.....	.....do.....	35.10
	Union Trust Co.....	.....do.....	9.00
	Independent Telephone Co.....	.....do.....	7.00
	Direct West India Cable Co. (Limited).....	Telegraph services.....	216.74
	Corvallis and Eastern R. R. Co.....	.....do.....	2.50
	Northwestern Telephone Exchange Co.....	Telephone services.....	9.00
	Rising Sun Telegraph Line.....	Telegraph services.....	2.50
	Cherry County Telephone Co.....	Telephone services.....	7.50
	Southern Bell Telephone and Telegraph Co.....	.....do.....	21.50
	Rocky Mountain Bell Telephone Co.....	.....do.....	15.00
	Williston Telephone Exchange.....	.....do.....	6.00
	Pacific States Telephone and Telegraph Co.....	Moving telephone.....	2.50
	Cuba Submarine Telegraph Co. (Limited).....	Telegraph services.....	14.15
	Minneapolis, St. Paul, and Sault Ste. Marie Rwy. Co.....	.....do.....	17.04
	Enterprise Telegraph Co.....	.....do.....	7.80
	W. S. Brockman.....	Services.....	1.75
	E. Edwards.....	.....do.....	4.00
	L. C. Collins.....	.....do.....	30.00
	W. S. Mitchell.....	Ice.....	4.60
	C. C. Gay.....	Services.....	2.00
	F. M. McKeough.....	.....do.....	3.25
	E. W. Peake.....	.....do.....	4.00
	St. Louis Toilet Supply Co.....	Towel supply.....	4.50
	C. H. Whedon.....	Services.....	7.00
	Galveston Gas Co.....	Gas.....	8.40
	J. J. Walsh & Son.....	Services.....	12.00
	F. Smith.....	.....do.....	1.00
	R. D. Harvey.....	.....do.....	10.00
	R. S. Albright & Co.....	.....do.....	9.00
	E. M. Bush Hardware Co.....	Tools.....	17.60
	Amarillo Water, Light, and Power Co.....	Water and electric light.....	13.47
	L. F. Willoughby.....	Sundries.....	3.25
	J. P. Geary.....	Drayage.....	15.50
	Gamble & Ludwig.....	Gasoline, etc.....	1.20
	R. N. Covert.....	Services.....	3.00
	Buxton & Skinner Stationery Co.....	Ink.....	2.15
	W. H. Jenks.....	Services.....	6.65
	Albertson Stationery and Book Co.....	Ink.....	11.50
	H. J. Green.....	Thermometers.....	400.00
	F. Freeman.....	Services.....	2.00
	The Fair.....	Clamps.....	.90
	L. K. Clark.....	Services.....	1.00
	The Bennett Printing House.....	.....do.....	60.00
	H. B. Hartman.....	.....do.....	5.50
	H. R. Eley.....	.....do.....	2.50
	A. M. D. Holloway.....	.....do.....	20.50
	S. H. Quint's Sons.....	Rubber stamp.....	1.25
	D. Daly.....	Services.....	2.70
	L. H. Jones & Co.....	.....do.....	2.70
	E. Determann.....	Frame and glass.....	4.50
	T. J. Tillett.....	Services.....	12.00
	L. Graton.....	.....do.....	1.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 31	Enterprise Ice Co.	Ice.	\$3.95
	I. Gevurtz & Sons.	Furniture.	68.00
	Statesman Printing Co.	Printing.	99.00
	F. A. Harris.	Services.	2.00
	L. S. Woodhouse.	do.	8.00
	The General Cartage and Storage Co.	do.	5.35
	Inland Type Foundry.	Brass rule.	4.27
	W. and J. Sloane & Co.	Carpet.	19.40
	Salt Lake Transfer Co.	Drayage.	1.50
	American Linen Supply Co.	Towel supply.	3.00
	Salt Lake Ice Co.	Ice.	9.00
	Postal Telegraph Cable Co. of Texas.	Telegraph services.	113.19
	Postal Telegraph Cable Co.	do.	39.59
	do.	do.	12.28
	do.	do.	39.54
	do.	do.	60
	do.	do.	242.11
	do.	do.	707.35
	The Great Northwestern Telegraph Co. of Canada.	do.	156.41
	American Writing Machine Co.	Typewriter.	72.25
	Maurice Joyce Engraving Co.	Photo-engraving.	19.82
	Lamb & Tilden.	Rubber stamps.	1.42
	M. G. Copeland.	Pennant.	5.75
	R. Carter Ballantyne.	Willow baskets.	9.90
	Rudolph, West & Co.	Repairing ceiling.	21.90
	J. C. Parker.	Pins.	4.92
	do.	Book paper.	81.90
	do.	do.	1,050.00
	do.	Stationery supplies.	1,012.29
	do.	Absorbent paper.	5.70
	W. B. Moses & Sons.	Window shades.	14.02
	do.	Wardrobe.	9.75
	Woodward & Lothrop.	Dusters, towels, etc.	345.37
	Thos. Somerville & Sons.	Steam fittings.	.57
	do.	Sheet packing.	5.44
	S. J. Venable.	Map frames.	320.00
	B. F. Larcombe et al.	Pay roll, printing office.	2,485.30
Nov. 5	Delano & Moore.	Photographic material.	19.35
	J. R. Cochran.	Horse.	185.00
	Philip Lindemeyer.	Cardboard.	18.00
	Galveston, substations.	Pay roll.	478.20
	Chicago, substations.	do.	585.00
	Knoxville, substations.	do.	110.75
	Galveston, substations.	do.	16.00
	M. Nesbit.	Services.	18.40
	R. S. Culbertson.	do.	21.00
	P. Wood.	Plowing and seeding.	3.00
	J. R. Williams.	Ice and office supplies.	18.50
	B. C. Kadel.	Station expenses.	56.72
	J. Warren Smith.	Traveling expenses.	17.46
	J. B. Marbury.	do.	71.76
	Century Electric Co.	Battery cells.	234.00
	Walter Washam.	Painting river gauge.	3.50
	J. R. Eastwood.	Repairing telephone.	5.00
	J. W. Hession.	Painting roof.	25.00
	Tarbett, Themister Co.	Part for printing press.	4.00
	C. J. Cain.	Hauling.	40.00
	J. W. Cole.	Services.	4.00
	C. P. Nutter.	do.	2.00
	F. J. Finck.	Recasting rollers.	3.00
	G. W. O'Brien.	Rent.	18.00
	Werner Swasey Co.	Field glasses.	90.00
	G. E. French & Co.	Silver sand.	3.00
	Christ Kanzler & Son.	Steps and rail.	12.00
	United States Envelope Co.	Envelopes.	36.45
	Rocky Mountain Bell Telephone Co.	Telephone services.	46.10
	do.	do.	34.10
	Southern Bell Telephone and Telegraph Co.	do.	7.50
	John Clarke.	do.	6.10
	Dakota Central Telephone Lines (Incorporated).	do.	98.90
	Iowa Telephone Co.	do.	7.70
	Delaware and Atlantic Telegraph and Telephone Co.	do.	12.00
	Cumberland Telephone and Telegraph Co.	do.	7.20
	New England Telephone and Telegraph Co.	Telegraph services.	.70
	Pacific States Telephone and Telegraph Co.	do.	9.90
	Jacksonville and St. Johns Bar Telegraph Line.	do.	9.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 5	The Cuba Submarine Telegraph Co. (Limited)	Telegraph services	\$14.50
7	Boston, substations	Pay roll	753.25
	C. Sevilla	Services	5.00
	A. P. Curtin	do	1.75
	H. J. Ledoux	do	7.12
	R. Tyler	Printing	10.00
	Honeyman Hardware Co.	Block and tackle	4.50
	B. J. Lund & Co.	Coal	101.60
	J. L. Tucker	Services	5.00
	Bartlett Bros	do	8.00
	J. R. Hobbs	do	9.00
	H. A. Poole	do	2.50
	L. M. Barnes	do	10.00
	W. W. Best	do	10.00
	L. F. Willoughby	Type, etc.	6.91
	Albany Hardware and Iron Co.	Hardware	4.00
	Valley Paper Co.	Letter paper	165.00
	Plaster & Robey	Fuse	5.00
	American Type Founders Co.	Type	43.86
	do	do	10.09
	Inland Type Foundry	Stereotype block	4.39
	H. J. Green	Repairs to instruments	62.10
	do	Instruments	400.00
	Queen & Co. (Incorporated)	do	577.50
	P. Gray & Sons	Lanterns	375.00
	H. Cavanaugh	Services	5.00
	J. C. Cottingham & Sons	Halyards, etc.	5.40
	Megeath Stationery Co.	Stationery supplies	2.70
	Florida Electric Co.	Wiring lanterns	20.00
	H. B. Hersey	Traveling expenses	43.00
	A. Zappone	do	3.80
	J. Brown	do	3.80
	E. A. Beals	Office expenses	13.85
	W. T. Lathrop	do	2.95
	do	Subsistence	30.00
	E. C. Thompson	Office expenses	18.29
	J. J. Gray	Meals and lodging	45.00
	M. G. Roves	Rent	40.00
	M. M. Latta	do	25.00
	Norwich University	Electric light	21.50
	New Orleans and Carrollton R. R. Light and Power Co.	do	5.40
	Board of Public Service Light Department	do	4.11
	New Orleans Lighting Co., lessee	Gas light	16.75
	The Citizens Gas and Electric Co.	Electric light	3.83
	New London Gas and Electric Co.	do	4.10
	Cumberland Telephone and Telegraph Co.	Telephone services	12.30
10	Charleston, substations	Pay roll	24.80
	Vicksburg, substations	do	37.20
	O. W. Bye	Horse hire	2.00
	E. B. Richards	Traveling expenses	16.25
	H. E. Hobbs	Station expenses	7.53
	D. A. Seeley	Express charges	1.45
	A. Jacobus	Painting instrument shelter	9.00
	G. Elliott	Ice	3.00
	Galveston Electric Co.	Electric light	3.96
	Consolidated Gas Co. of New Jersey	do	6.18
	The Seattle Electric Co.	do	2.40
	Northern California Power Co.	do	1.50
	P. H. Cheney & Sons	do	5.62
	E. H. Bowie	Board and lodging	36.35
	H. E. Hobbs	Subsistence	30.00
	C. H. Richardson	Subsistence and station supplies	37.50
	T. Buffington	Repairing instrument shelter	1.00
	Fortig & Kevers	do	27.00
	United States Envelope Co.	Envelopes	51.60
	F. D. Day & Co.	Marine glasses	16.50
	E. A. Brown	Repairing clock	1.50
	L. C. Specht	Repairing typewriter	8.40
	The Smith-Premier Typewriter Co.	do	16.75
	Arkansas Typewriter Exchange	do	6.00
	D. B. Spellman Co.	Repairing droplight	1.85
	H. G. Turley	Iron pipe	18.00
	J. A. Roebblings Sons Co.	Rope	1.95
	The H. & W. B. Drew Co.	Printing	63.05
	Phillips, Smith & Van Orden	do	45.00
	Northwestern Telephone Exchange	Telephone services	10.50
	The Chesapeake and Potomac Telephone Co.	do	2.70
	Cumberland Telephone and Telegraph Co.	do	10.30
	Union Trust Co., Detroit	do	9.20

374 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 10	Chicago, Burlington and Quincy Rwy. Co. . .	Passenger transportation	\$55.95
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. . .	do	26.00
	Nashville, Chattanooga and St. Louis Rwy. . .	do	25.00
	New York, New Haven and Hartford R. R. Co. . .	do	14.73
	North Shore R. R. Co.	do	1.50
	do	do	12.00
	E. H. Bowie	Traveling expenses	10.75
	O. L. Blue	Towel supply . . . . .	.50
	U. G. Pursell	Drayage . . . . .	.50
	Charleston, substations	Pay roll	35.00
	Galveston, substations	do	230.98
	New York, substations	do	35.00
	W. H. Rollinson	Brooms	1.80
	E. E. Day	Expressage . . . . .	.35
	The Pacific Transfer Co.	do	43.26
14	Mobile, substations	Pay roll	49.60
	W. M. Wilson	Traveling expenses	30.71
	C. H. Eshelman	do	4.45
	H. B. Boyer	Drayage . . . . .	.80
	F. P. Chaffee	Expressage	2.99
	Oregon Railroad and Navigation Co.	Passenger transportation	83.90
	The Pennsylvania R. R. Co.	do	60.15
	New Bedford, Marthas Vineyard and Nantucket Steamboat Co.	do	3.25
	Stewart & Barton	Painting	20.00
	D. Baird	Flagstaff	95.00
	Union Trust Co., Detroit	Telephone services	12.00
	J. H. Richmond	Painting	3.00
	A. Deitz	Printing	9.00
	A. B. Pitman	Repairing telegraph line	1.25
	J. L. Walker	Repairing cart	15.00
	F. Andres	Painting river gauge	55.50
	Acme Publishing Co.	Printing	45.50
	The Union Ice Co.	Ice	9.20
	Consumers Ice Co.	do	6.09
	Crystal Ice Co.	do	2.64
	G. A. von Blucher	do	1.55
	H. G. Machenheimer	Fuel	30.00
	G. W. Anderson & Sons	Linoleum	23.75
	Barnhart Bros. & Spindler	Type	14.30
	R. D. Bayne	Services	7.00
	C. F. Barnes	do	2.50
	E. Drinkwater	do	2.50
	New Orleans, substations	Pay roll	80.60
	Galveston, substations	do	161.20
	Ina N. Wade	Services	26.67
	F. H. Wade	do	3.33
	Little Rock, substations	Pay roll	309.60
	Oklahoma, substations	do	235.40
	Savannah, substations	do	67.20
	F. P. Chaffee	Traveling expenses	4.28
	A. G. Burns	Cartage and brooms	1.75
	W. M. Fulton	Station expenses	10.80
	J. J. O'Donnell	Board and lodging	31.00
	A. A. Kimball	Services	10.00
	M. Kaneen	do	3.00
	Coston Signal Co. (Incorporated)	Signal holders	4.00
	Heybach-Bush Co.	Stereotype metal	7.00
	The Potomac Terra Cotta Co.	Conduit, etc.	44.80
	R. G. Thomas	Services	3.00
	W. H. Light	do	7.50
	Petoskey Rug Manufacturing Carpet Co. (Limited).	Cleaning carpet	10.00
	The Remington Typewriter Co.	Repairing typewriter	12.79
	T. B. Satterwhite & Co.	Ice	5.30
	The Huron Village Electric Light Co.	Electric light	10.45
16	Willis L. Moore	Traveling expenses	526.10
18	Morris European and American Express Co. (Limited).	Freight charges	7.25
	Rome, Watertown and Ogdensburg R. R. Co.	do	1.20
	New York Central and Hudson River R. R. Co.	do . . . . .	.90
	Pennsylvania Co.	do . . . . .	.45
	Pennsylvania R. R. Co.	do	18.02
	do	do	1.11
	Star Union Line	do	1.25
	do	do . . . . .	.54
	Burlington Route, Missouri Lines	do . . . . .	.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 18	Wabash R. R. Co.....	Freight charges.....	\$0.70
	..do.....	..do.....	1.12
	Denver and Rio Grande R. R. Co.....	..do.....	2.64
	New Bedford, Marthas Vineyard and Nantucket Steamboat Co.....	..do.....	2.74
	Virginia and Truckee R. R. Co.....	..do.....	.25
	Union Pacific R. R. Co.....	..do.....	44.36
	..do.....	..do.....	10.41
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	..do.....	2.74
	..do.....	..do.....	2.08
	Southern Rwy. Co.....	..do.....	3.58
	..do.....	..do.....	1.90
	..do.....	..do.....	.76
	..do.....	..do.....	4.30
	Atchison, Topeka and Santa Fe Rwy. Co.....	..do.....	10.25
	C. H. Mallory & Co.....	..do.....	1.25
	..do.....	..do.....	1.25
	Lehigh Valley R. R. Co.....	..do.....	.90
	..do.....	..do.....	.45
	American Express Co.....	..do.....	9.00
	..do.....	..do.....	3.00
	Norfolk and Western Rwy Co.....	..do.....	.57
	Erie and Western Transportation Co.....	..do.....	1.90
	O'Callahan, Nelson & Co.....	..do.....	1.75
	Norfolk and Southern R. R. Co.....	..do.....	.53
	Galveston, Harrisburg and San Antonio Rwy. Co.....	..do.....	1.71
	Steamer Alexander Volta.....	..do.....	25.00
	Atlantic Coast Line R. R. Co.....	..do.....	2.21
	Richmond, Fredericksburg and Potomac R. R. Co.....	..do.....	.92
	W. R. Motton.....	Drayage.....	1.15
	St. Louis Transfer Co.....	..do.....	1.60
	W. T. Blythe.....	..do.....	6.99
	B. A. Blundon.....	Traveling expenses.....	34.06
	A. Zappone.....	..do.....	3.80
	G. J. Heck.....	..do.....	7.25
	T. S. Outram.....	Drayage.....	3.52
	L. C. Cover.....	..do.....	2.00
	W. C. Devereaux.....	Subsistence.....	35.26
	The Wm. E. French Co.....	Repairing carpet.....	2.50
	Sneed & Rich.....	Cleaning carpet.....	8.00
	Frank Bell.....	Repairing furniture.....	3.00
	American Ice Co.....	Ice.....	.65
	R. G. Sleater.....	Printing climate and crop reports.....	48.00
	M. A. Butler.....	Telephone message.....	.35
	A. A. Finck.....	Printing climate and crop reports.....	13.00
	R. W. Basnett.....	Wood and coal.....	80.00
	Montgomery, substations.....	Pay roll.....	55.80
19	F. Jermin.....	Traveling expenses.....	15.25
	J. W. Smith.....	..do.....	50.00
	J. J. Gray.....	..do.....	4.35
	G. B. Wurtz.....	..do.....	2.95
	W. T. Blythe.....	..do.....	14.10
	L. M. Tarr.....	..do.....	2.05
	..do.....	..do.....	34.25
	..do.....	Drayage and repairing instrument shelter.....	22.42
	O. L. Fassig.....	Traveling expenses.....	38.80
	..do.....	Station expenses.....	4.95
	R. J. Hyatt.....	..do.....	.50
	M. B. Stubbs.....	Subsistence.....	31.00
	M. W. Hayes.....	Station expenses.....	4.50
	H. E. Hobbs.....	Subsistence.....	31.00
	C. H. Richardson.....	Station expenses.....	30.00
	Wilmington, substations.....	Pay roll.....	43.40
	Atlanta, substations.....	..do.....	67.60
	Memphis, substations.....	..do.....	74.40
	Louisville, substations.....	..do.....	64.00
	Atlanta, substations.....	..do.....	61.50
	Wm. Ballantyne & Sons.....	Hann's Climatology.....	236.00
	J. C. Parker.....	Envelopes.....	79.05
	..do.....	Paper.....	62.50
	..do.....	..do.....	336.00
	Lamb & Tilden.....	Stamps.....	1.04
	..do.....	Rubber stamps.....	1.22
	..do.....	..do.....	2.12
	..do.....	..do.....	1.22
	Lutz & Co.....	Horse collar.....	5.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 19	Lutz & Co.	Harness.	\$192.50
	do.	Horse blankets.	15.00
	United States Express Co.	Express charges.	37.15
	Geo. F. Muth & Co.	Concentrated lye.	21.12
	L. S. Depue.	Hay, straw, oats, and corn.	30.64
	James B. Lambie Co. (Incorporated).	Brass rod, etc.	33.25
	do.	Cotton waste.	54.48
	do.	Hinges.	1.20
	R. P. Andrews & Co. (Incorporated).	Paper.	233.02
	do.	Oil.	22.75
	Rudolph, West & Co.	Halyards.	84.50
	do.	Spigots.	1.00
	Flint & Walling Manufacturing Co.	Steel flagstaff.	55.80
	do.	do.	27.90
	The Smith Premier Typewriter Co.	Repairing typewriter.	14.00
	W. B. Moses & Sons.	Chairs.	23.23
	Woodward & Lothrop.	Desk and chairs.	255.02
	R. Carter Ballantyne.	Tissue paper.	68.25
	Frederick Carl.	Map-making symbols.	25.00
	Edward Mullin.	White rags.	14.00
	Wm. H. Dyer.	Sawdust.	1.75
	S. J. Venable.	Stencil.	3.75
	Wm. Nordhoff.	Parts of barograph.	6.60
	National Electrical Supply Co.	Rubber tube.	5.00
	A. Eberly's Sons.	Stove, etc.	31.50
	National Printer's Supply Co.	Benzine cans.	1.34
	Z. D. Gilman.	Bottles.	4.63
	E. E. Howell.	Relief map.	30.00
	Littlefield, Alvord & Co.	Drayage.	4.00
	Claybourne Burner Co.	Repairing gas pipe.	2.00
	Remington Typewriter Co.	Repairing typewriter.	12.25
	J. C. Entwistle.	Engraving rain chart.	10.00
	Remington Typewriter Co.	Repairing typewriter.	.60
	Pacific States Telephone and Telegraph Co.	Telegraph services.	6.10
	Elizabeth City and Norfolk Telegraph Co.	do.	4.80
	Alabama, Mississippi, and Tennessee Telephone Co.	do.	6.75
	Home Telephone Co.	do.	10.80
	Cumberland Telephone and Telegraph Co.	do.	115.00
	Elizabeth City and Norfolk Telegraph Co.	do.	7.32
	East Tennessee Telephone Co.	Telephone services.	15.00
	do.	do.	2.00
	Norfolk and Western Rwy. Co.	Passenger transportation.	5.95
	Cleveland, Cincinnati, Chicago, and St. Louis Rwy. Co.	do.	5.00
	Southern Rwy. Co.	do.	20.09
	Vicksburg Herald.	Printing climate and crop reports.	23.50
	F. S. Ewing.	Ice.	16.15
	D. J. Snow.	Wood.	18.00
	Ray Stephens.	Surveying.	4.00
	Fee & Stewart Co.	Station supplies.	15.00
	Williams & Barnett.	Ice.	6.00
	C. Robb.	Photograph of building.	1.00
	P. D. Clark.	Drayage.	1.75
	Willis L. Moore.	Traveling expenses.	4.80
	M. J. Driscoll.	do.	6.30
	R. M. Harding.	do.	10.90
	C. E. Johnson.	Ferriage.	3.25
	J. B. Marbury.	Drayage, etc.	5.30
	F. W. Fischer.	Traveling expenses.	7.35
	G. N. Salisbury.	do.	10.75
	W. R. Pratt.	do.	.50
	C. H. Richardson.	Station expenses.	18.50
	J. Kenealy.	do.	2.90
	G. B. Wurtz.	do.	2.74
	Boston, substations.	Pay roll.	7.00
	H. B. Hersey.	Traveling expenses.	9.35
	J. Warren Smith.	do.	10.20
	A. H. Thiessen.	do.	55.00
	do.	do.	29.45
	do.	do.	24.95
	W. M. Wilson.	Drayage, etc.	9.30
	W. L. Day.	Station expenses.	10.37
	L. H. Murdoch.	Drayage.	12.74
	J. P. Slaughter.	Repairing clock, etc.	2.85
	W. S. Belden.	Station expenses.	3.85
	C. H. Richardson.	Subsistence and station expenses.	41.50
	O. W. Roberts.	Station expenses.	6.50
	E. C. Vose.	Traveling expenses.	13.60
	B. H. Bronson.	do.	47.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 19	M. A. Robinson.....	Subsistence.....	\$40.00
24	W. B. Moses & Sons.....	Rugs.....	95.40
	do.....	Desk.....	11.00
	J. C. Parker.....	Cardboard.....	201.09
	do.....	do.....	740.00
	J. W. Jordan.....	Proof rollers.....	11.87
	D. F. Parker.....	Typewriter ribbons.....	51.75
	J. B. Lambie Co. (Incorporated).....	Blocks.....	4.50
	C. A. Schneider's Sons.....	Castings.....	.65
	Delano & Moore.....	Developer.....	7.50
	R. P. Andrews & Co (Incorporated).....	Cards.....	554.80
	do.....	Packing cards.....	49.00
	The J. C. Ergood Co.....	Soap.....	50.00
	R. C. Ballantyne.....	Pens.....	19.68
	Fritz Andres.....	Instrument shelter.....	8.00
	N. H. Lovin.....	Repairing windows, etc.....	12.50
	Campbell Printing Press Manufacturing Co.....	Ratchet lever.....	2.00
	G. Fostberg.....	Painting instrument shelter.....	2.25
	H. H. Kyle.....	Constructing river gauge.....	30.76
	Union Envelope Co.....	Envelopes.....	12.20
	Chicago Edison Co.....	Repairing motor.....	7.86
	Geo. W. Millar & Co.....	Cardboard.....	241.56
	American Type Founders Co.....	Type.....	17.54
	E. Bryant.....	Services.....	2.00
	Phillips, Smith & Van Orden (Incorporated).....	Fixing type.....	10.00
	C. L. Heath.....	Stovepipe.....	2.00
	W. H. Ranney.....	Recasting rollers.....	2.50
	D. B. Bancroft.....	Repairing triple register.....	4.00
	The Atlantic Electric Light and Power Co.....	Electric light.....	42.50
	Grand Rapids and Indiana Rwy. Co.....	Passenger transportation.....	5.25
	Union Pacific R. R. Co.....	do.....	79.80
	Northern Pacific Rwy. Co.....	do.....	31.15
	The Missouri, Kansas and Texas Rwy. Co.....	do.....	23.40
	Capital Telegraph and Telephone Co.....	Telephone services.....	4.50
	Northwestern Telephone Exchange.....	do.....	6.00
	Truckee Telephone and Telegraph Co.....	do.....	15.00
	Central Distributing and Printing Telegraph Co.....	Telegraph services.....	17.80
	Cuba Submarine Telegraph Co. (Limited).....	do.....	14.55
	Corvallis and Eastern R. R. Co.....	do.....	2.70
	Rising Sun Telegraph Line.....	do.....	2.70
	Cuba Submarine Telegraph Co. (Limited).....	do.....	17.25
	New Orleans, substations.....	Pay roll.....	55.80
	F. J. Walz.....	Traveling expenses.....	3.80
	E. A. Beals.....	do.....	67.85
	R. G. Allen.....	do.....	15.71
	Littlefield, Alvord & Co.....	Drayage.....	32.22
	Southern Rwy. Co.....	Freight charges.....	39.26
	Missouri, Kansas and Texas Rwy. Co.....	do.....	.58
	Norfolk and Washington Steamboat Co.....	do.....	5.14
	Grand Rapids and Indiana Rwy. Co.....	do.....	6.51
	Lake Shore and Michigan Southern Rwy. Co.....	do.....	.51
	O'Callaghan, Nelson & Co.....	do.....	5.00
	Lake Erie and Western R. R. Co.....	do.....	.51
	Erie and Western Transportation Co.....	do.....	1.97
	New Orleans and Northeastern R. R. Co.....	do.....	.98
	Norfolk and Southern R. R. Co.....	do.....	2.22
	San Pedro, Los Angeles and Salt Lake R. R. Co.....	do.....	3.88
	William J. Crawford.....	Drayage.....	1.80
	St. Louis Transportation Co.....	do.....	1.40
	L. S. Depue.....	Hay, corn, straw, and oats.....	61.22
	Central Vermont Rwy. Co.....	Passenger transportation.....	3.70
	Eastern Steamship Co.....	do.....	4.25
	New York Central and Hudson River R. R. Co.....	do.....	1.74
	Central of Georgia Rwy. Co.....	do.....	4.72
	Pacific States Telephone and Telegraph Co.....	Telegraph services.....	10.80
	Chicago Telephone Co.....	Telephone services.....	9.25
	Home Telephone Co.....	do.....	10.00
	Sioux City, substations.....	Pay roll.....	28.00
	John Jordt.....	Carpet, etc.....	76.05
	Meteorological Council.....	Compiling telegrams.....	11.19
	Chapin & Simpson.....	Horse hire.....	24.50
	R. W. Leshner.....	Watt meter.....	12.54
	California Truck Co.....	Drayage.....	8.30
	A. J. Davis.....	Photograph, drayage, etc.....	3.30
	E. C. Vose.....	Traveling expenses.....	10.50
	J. Brown.....	do.....	8.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 30	Rocky Mountain Bell Telephone Co.....	Telegraph services.....	\$7.60
	North Montana Telephone Co.....	do.....	21.00
	L. E. Vorce.....	Services.....	10.00
	E. W. McGann.....	Traveling expenses.....	13.50
	G. E. Franklin.....	Station expenses.....	9.50
	W. T. Lathrop.....	Subsistence.....	31.00
	Yates & Co.....	Oil, etc.....	6.20
	do.....	Oil.....	18.70
	New York Telephone Co.....	Telephone services.....	13.50
	G. M. Heiss & Sons.....	Chart frames.....	9.60
	Kansas Farmer Co.....	Printing climate and crop reports.....	40.00
	Wild and Stevens.....	Printing supplies.....	3.25
	Hoke Engraving Plate Co.....	Clamps.....	1.00
	Wm. Curry's Sons.....	Tools.....	23.10
	C. C. Lind.....	Bookcase and shelving.....	38.00
	Standard Electric Co.....	Tool bag and belt.....	4.00
	Arnold & Weatherbee.....	Repairs to storm-warning tower.....	18.50
	The Lorain Electrical Construction Co.....	Repairs to storm-warning tower apparatus.....	42.27
	Hugh Brewer.....	Repairing instrument shelter.....	1.00
	H. Wollenberg.....	Renovating office rooms.....	10.00
	C. L. Heath.....	Repairing grain gauge.....	2.00
	J. Jordt.....	Repairing furniture.....	4.00
	M. N. Hunt.....	Storm windows.....	2.27
	J. P. Nawrath.....	Twine.....	60.24
	The J. M. Klein Electrical Works.....	Copper wire.....	2.10
	A. M. Blythe.....	Erecting tower.....	98.00
	A. M. Adie.....	Horse hire.....	.75
	D. A. McClelland.....	Shelving.....	15.00
	Patterson Transfer Co.....	Drayage.....	1.75
	Frank Smith.....	Horse hire.....	1.00
	H. A. Poole.....	do.....	2.00
	Pett Peterson.....	do.....	.50
	Chas. Smith.....	Repairing telegraph line.....	6.00
	George Beesley.....	do.....	4.00
	Louisville and Nashville R. R. Co.....	Freight charges.....	13.33
	Chicago and Northwestern Rwy. Co.....	do.....	.89
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	.55
	New York, New Haven and Hartford R. R. Co.....	do.....	.45
	The Hickory Valley Rwy. Co.....	do.....	.54
	Atlantic Coast Line R. R. Co.....	do.....	3.06
	W. R. Morton.....	Drayage.....	.38
	St. Louis Transfer Co.....	do.....	1.65
	W. S. Palmer.....	Traveling expenses.....	19.25
	Geo. F. Muth & Co.....	Lamps.....	58.80
	Augusta, substations.....	Pay roll.....	55.80
	M. B. Stubbs.....	Ice.....	3.65
	A. Zappone.....	Traveling expenses.....	3.80
	J. H. Robinson.....	do.....	7.70
	Lamb & Tilden.....	Rubber stamps.....	5.12
	R. P. Andrews & Co. (Incorporated).....	Cards.....	46.90
	Yawman & Erbe Manufacturing Co.....	Sectional bookcase.....	50.00
	Rudolph, West & Co.....	Wastebaskets.....	16.90
	M. Du Perow.....	Storage battery.....	3.55
	E. Mullin.....	Rags.....	14.00
	R. P. Clarke Co.....	Felt.....	69.00
	American Writing Machine Co.....	Typewriters.....	139.50
	Queen & Co. (Incorporated).....	Alcohol.....	5.00
	Chas. Eneu Johnson & Co.....	Ink.....	131.50
	American Type Founders Co.....	Leads.....	5.40
	F. Simmons.....	Scales.....	3.75
	Honeyman Hardware Co.....	Clamp.....	1.75
	Yates & Co.....	Oil, etc.....	4.70
	Dozier & Wells.....	Screens.....	7.50
	E. F. Whittemore.....	Cleaning clock.....	1.50
	Adams Express Co.....	Express charges.....	20.90
	do.....	do.....	20.00
	do.....	do.....	23.52
	Woodward & Lothrop.....	Millinet.....	1.54
	Reinhold Stone.....	Building shed.....	725.00
	W. J. Crawford.....	Drayage.....	2.70
	J. F. Newsom.....	Traveling expenses.....	2.75
	M. B. Stubbs.....	Subsistence.....	19.00
	Willis L. Moore.....	Traveling expenses.....	33.05
	The Delaware and Hudson Co.....	Passenger transportation.....	6.13
	B. F. Larcombe et al.....	Pay roll, printing office.....	2,390.48
Dec. 5	Pelouze Paper and Type Co.....	Cogwheel.....	21.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 5	Keystone Type Foundry.....	Type.....	\$16.64
	Josiah Conover.....	Board case.....	20.00
	T. G. Crotty.....	Repairing furniture.....	5.50
	The Electric Storage Battery Co.....	Station supplies.....	1.70
	William Savage.....	Laying carpet.....	3.00
	Western Union Telegraph Co.....	Repairing telegraph line.....	4.25
	William Rush.....	Repairing instruments.....	.60
	Loop Lock Machine Co.....	Repairing tools.....	5.00
	Meserve Bros.....	Oak frames.....	9.80
	The Electric Storage Battery Co.....	Rubber jars.....	30.41
	S. S. Rosendorf.....	Desk.....	33.50
	H. W. Douglas.....	Cleaning carpet.....	6.00
	A. J. Sharp.....	Repairing instrument shelter.....	1.40
	August Mietz.....	Kerosene engine, etc.....	172.25
	T. A. Ridley.....	Cleaning carpet.....	12.00
	W. P. Moore.....	Repairing instruments.....	3.00
	A. J. Manthey.....	Instruments.....	29.00
	A. L. Osborne & Co.....	Board walk, etc.....	11.75
	Mack Wellman.....	Repairing furniture.....	97.00
	A. H. Revell & Co.....	Repairing instrument case.....	7.50
	O. J. Maiguel.....	Recasting rollers.....	38.22
	Crutsinger Roller Co.....	do.....	2.00
	M. G. Roves.....	Office rent.....	40.00
	Magrum & Otter (Incorporated).....	Station supplies.....	50.60
	do.....	do.....	50.60
	Houston and Texas Central R. R. Co.....	Freight charges.....	1.60
	Louisville and Nashville R. R. Co.....	do.....	.33
	Steamer New Shoreham.....	do.....	4.48
	Cincinnati, Hamilton and Dayton Rwy. Co.....	do.....	.54
	Richmond, Fredericksburg and Potomac R. R. Co.....	do.....	2.65
	Edmond Hayden.....	Drayage.....	2.06
	Wabash R. R. Co.....	Freight charges.....	.70
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	.48
	Norfolk and Washington Steamboat Co.....	do.....	6.10
	Missouri, Kansas and Texas Rwy. Co.....	do.....	.56
	Pacific Coast Steamship Co.....	Passenger transportation.....	18.50
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	do.....	12.00
	Seaboard Air Line Rwy.....	do.....	6.25
	Chicago Northwestern Rwy. Co.....	do.....	36.10
	Kansas City Southern Rwy. Co.....	do.....	6.50
	E. P. Jones.....	Traveling expenses.....	32.25
	N. B. Conger.....	do.....	216.50
	Arkansas Democrat Co.....	Printer's rollers.....	2.70
	Remington Typewriter Co.....	Repairing typewriter.....	18.65
	Bradner Smith & Co.....	Paper.....	42.00
	J. J. Lawler & Co.....	Back for range.....	10.50
	American Type Founders Co.....	Type.....	18.30
	The Smith Premier Typewriter Co.....	Repairing typewriter.....	14.50
	L. E. Scarr.....	Washing towels.....	1.50
	International Ocean Telegraph Co.....	Telegraph services.....	165.57
	Postal Telegraph-Cable Co.....	do.....	728.97
	do.....	do.....	41.60
	Ocean Tow Boat Line.....	do.....	30.00
	do.....	do.....	30.00
	Postal Telegraph-Cable Co., of Texas.....	do.....	94.81
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	do.....	15.90
	Cuba Submarine Telegraph Co. (Limited).....	do.....	7.35
	Marthas Vineyard Telegraph Co.....	do.....	41.59
	Western Union Telegraph Co.....	do.....	960.89
	The Direct West India Cable Co. (Limited).....	do.....	233.96
	Bell Telephone Co. of Buffalo.....	Telephone services.....	9.35
	Bendernagel & Co.....	Recasting rollers.....	3.00
	Phillips, Smyth & Van Orden.....	Printing climate and crop reports.....	45.00
	E. C. Newsam.....	Services.....	125.00
	New York, substations.....	Pay roll.....	35.00
	The Fred Macey Co.....	Filecase, bookcase, and desk.....	80.04
	J. P. McDonough.....	Repairing printing press.....	11.50
	C. Sutter.....	Packing barometer box.....	1.00
	A. N. Bennett.....	Reeving halyards.....	5.00
	L. T. Darden.....	Linoleum.....	57.60
	M. M. Latta.....	Office rent.....	25.00
	W. J. Kemp.....	Cleaning clock.....	2.00
	D. B. Bancroft.....	Repairing thermograph.....	2.00
	Henninger & Wheeler.....	do.....	2.00
	Pacific States Telephone and Telegraph Co.....	Telegraph services.....	8.30

380 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 5	L. Dorman.....	Traveling expenses.....	\$42.12
	W. M. Wilson.....	do.....	6.25
	A. Ashenberger.....	do.....	17.05
	F. J. Walz.....	do.....	162.20
	E. B. Richards.....	Subsistence.....	45.00
	H. C. Bate.....	Traveling expenses.....	2.50
	T. F. Townsend.....	do.....	22.02
	H. F. Alciatore.....	do.....	16.25
	H. B. Hersey.....	do.....	146.50
	H. C. Frankenfield.....	do.....	319.74
	H. C. Hobbs.....	Subsistence.....	31.00
	S. W. Glenn.....	Traveling expenses.....	32.15
	Lake Shore and Michigan Southern Rwy. Co.....	Passenger transportation.....	30.37
	Baltimore and Ohio Southwestern R. R. Co.....	do.....	20.25
	Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	30.05
	San Antonio and Aransas Pass Rwy. Co.....	do.....	32.25
	Louisville and Nashville R. R. Co.....	do.....	28.65
	The Missouri Pacific Rwy. Co.....	do.....	8.60
	B. C. Kadel.....	Subsistence.....	47.33
	H. E. Hobbs.....	do.....	22.00
	Tarbett Phemister Co.....	Printers' rollers.....	5.00
	Rigley & Wilson.....	Office chair.....	11.80
	American Type Founders Co.....	Parts for printing press.....	3.20
	Chas. Chilson.....	Repairing storm-warning tower.....	120.00
	H. P. Christensen.....	Painting instrument shelter.....	13.50
	Postal Telegraph-Cable Co.....	Telegraph services.....	602.56
	do.....	do.....	51.20
	Galveston, Harrisburg and San Antonio Rwy. Co.....	Freight charges.....	1.64
7	J. Warren Smith.....	Drayage.....	15.85
14	W. S. Jenks.....	Tin.....	1.80
	J. C. Parker.....	Letter presses and stands.....	191.82
	do.....	Calendar pads and stands.....	4.80
	do.....	Sectional bookcase.....	15.00
	J. E. Turton.....	Instrument stands.....	585.00
	W. H. Rupp Co.....	Ink.....	9.00
	do.....	do.....	6.00
	Fort Smith Light and Traction Co.....	Electric Power.....	2.50
	H. A. Moyer.....	Wagon.....	148.00
	The Safety Insulated Wire and Cable Co.....	Cable.....	17.98
	United States Envelope Co.....	Envelopes.....	50.40
	The Friedenwald Co.....	Wrappers.....	1,296.00
	J. E. Hurley.....	Part for printing press.....	12.00
	Norfolk Farm Supply Co.....	Repairs to water tank.....	57.75
	John Wright.....	Varnishing floors.....	10.00
	F. M. Kadel.....	Refitting windows.....	35.00
	Kenffel & Esser Co.....	Drawing table.....	33.00
	W. W. McKee.....	Repairs to river gauge.....	20.00
	C. W. Cash.....	Repairs to telegraph line.....	2.50
	A. O. Fischer.....	do.....	2.00
	N. Creasey.....	do.....	2.50
	K. H. Patrick.....	Repairing roof.....	33.00
	F. J. Massard.....	Wiring electric lanterns.....	40.00
	D. Stephenson.....	Alarm clock.....	1.50
	J. C. Peach.....	Repairing clock.....	1.00
	C. Sevilla.....	Cleaning office.....	5.00
	Southern Rwy. Co.....	Passenger transportation.....	94.20
	New York and Cuba Mail S. S. Co.....	do.....	80.00
	New York, New Haven and Hartford R. R. Co.....	do.....	12.25
	Southern California Rwy. Co.....	do.....	16.80
	Chesapeake and Ohio Rwy. Co.....	do.....	32.00
	Louisville, Henderson and St. Louis Rwy. Co.....	do.....	3.75
	Missouri, Kansas and Texas Rwy. Co.....	do.....	2.65
	Boulton, Bliss & Dallett.....	do.....	56.00
	Illinois Central R. R. Co.....	do.....	5.50
	The Pennsylvania R. R. Co.....	do.....	23.24
	New England Telephone and Telegraph Co.....	Telegraph services.....	2.50
	do.....	do.....	2.70
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	2.50
	do.....	do.....	2.70
	Central District and Printing Telegraph Co.....	do.....	19.00
	Rising Sun Telegraph Line.....	do.....	2.40
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	do.....	15.71
	Southern Bell Telephone and Telegraph Co.....	do.....	5.40
	J. Warren Smith.....	Traveling expenses.....	10.10
	G. N. Salisbury.....	do.....	17.80
	D. P. McCallum.....	do.....	22.22
	W. G. Wilson.....	do.....	2.65

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 14	J. Kenealy	Traveling expenses	\$16.75
	F. J. Walz	do.	172.72
	V. H. Church	do.	9.25
	H. F. Alps	Drayage, etc.	10.40
	J. J. O'Donnell	Station expenses	4.72
	A. J. Mitchell	Drayage, etc.	4.80
	C. H. Richardson	Quarters	57.52
	do.	Subsistence	31.67
	do.	Transportation, etc.	12.00
	T. B. Jennings	Drayage, etc.	3.60
	W. M. Dudley	do.	1.10
	H. E. Hobbs	Station expenses	7.28
	M. A. Robinson	Subsistence	20.00
	H. E. Hobbs	Station expenses	5.29
	Wm. J. Zeh	Fuel	170.28
	A. M. Hamrick	Traveling expenses	2.75
	E. W. McGann	Station expenses	32.37
	Corvallis and Eastern R. R. Co.	Telegraph services	2.40
	Pacific States Telephone and Telegraph Co.	do.	9.00
	W. F. McGee	Services	8.00
	T. E. Gifford	Hauling	6.00
	Haney Bros.	Services	45.00
	J. A. Reigens	Oil	1.50
	Empire State House Furnishing Co.	Services	9.95
	Mack Wellman	do.	9.00
	C. G. Brandon	Cable conduit	40.00
	A. G. Frenholm	Services	6.00
	Cuba Submarine Telegraph Co. (Limited)	Telegraph services	7.20
	W. S. Currier	Drayage	1.00
	Coston Signal Co. (Incorporated)	Answering signals	33.00
	Western Telephone Manufacturing Co.	Repairing telephone	.45
	J. F. Fillion	Repairing roof	2.00
	American Ice Co.	Fuel	85.20
	J. Gussenhoven	Water tank shelter	100.00
22	Hoke Engraving Plate Co.	Chalk plates	54.50
	do.	do.	31.00
	do.	do.	287.50
	R. J. Miller	Services	125.00
	E. B. Richards	Traveling expenses	14.85
	H. McP. Baldwin	do.	13.90
	D. A. Seely	do.	6.10
	J. J. O'Donnell	Subsistence	33.50
	D. Cuthbertson	Station expenses	20.53
	P. DeGraw	do.	97.12
	O. W. Roberts	do.	7.00
	H. McP. Baldwin	do.	1.20
	H. C. Bate	Drayage	2.32
	F. A. Carpenter	do.	2.25
	The Great Northwestern Telegraph Co. of Canada	Telegraph services	295.22
	New England Telephone and Telegraph Co.	Telephone services	.40
	Postal Telegraph-Cable Co. of Texas	Telegraph services	108.14
	The Direct West India Cable Co. (Limited)	do.	207.50
	Marthas Vineyard Telegraph Co.	do.	34.42
	Elizabeth City and Norfolk Telegraph Co.	do.	5.54
	Home Telephone Co.	do.	9.60
	Bell Telephone Co., of Buffalo	Telephone services	7.15
	G. W. Kelley	Drayage and poles	118.50
	W. H. Wilson	Hauling	7.50
	T. P. Simpson	Cement and sand	5.00
	D. Green	Services	4.00
	F. Smith	do.	1.00
	H. A. Poole	do.	7.00
	C. E. Parrott	do.	6.00
	L. Parker	do.	2.00
	J. Claplanho	do.	4.00
	W. Irving	do.	2.00
	E. Starkey	do.	1.50
	Fosberg & Murray	Grate bars	81.00
	Faneuil Watch Tool Co.	Staking tool	10.50
	E. Anderson	Services	2.00
	The Inland Type Foundry	Type	27.05
	J. A. Roebling's Sons Co.	Telegraph wire	9.55
	Armour & Co.	Soap	70.00
	Pacific Tool Supply Co.	Tools	22.15
	The Potomac Terra Cotta Co.	Conduits	140.00
	D. McInnes	Services	2.50
	Wm. J. Rountree	Wood	7.00
	Barelli & Kittredge	Services	3.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 22	C. E. Bowe.....	Services.....	\$3.00
	The Anthony Scoville Co.....	Photo materials.....	15.80
	Havre Electric Light Co.....	Installing electric light.....	127.75
	Wm. A. West.....	Telegraph poles.....	37.00
	American Type Founders Co.....	Logotypes.....	6.75
	A. Zappone.....	Traveling expenses.....	132.13
31	Duluth Hardware Co.....	Lawn mower, hose, etc.....	43.00
	French & Bassett.....	Rugs, linoleum, and window shades.....	255.85
	Northwestern Fuel Co.....	Coal.....	107.37
	R. T. F. Smith.....	Laying carpet.....	5.00
	Havre Commercial Co.....	Stove and pipe.....	15.00
	G. E. Plaster, jr.....	Hauling coal.....	61.25
	Plaster & Robey.....	Straw, hay, oats, and corn.....	231.43
	Burgess Electric Co.....	Electric fixtures.....	21.94
	O. G. Skylstead.....	Window shades.....	21.24
	J. Moran.....	Coat and hat hooks.....	1.30
	Geo. F. Muth & Co.....	Paper, pens, etc.....	66.14
	Hugh Reilly.....	Asphaltum.....	1.60
	Barber & Ross.....	Basins and pitchers.....	20.70
	J. C. Parker.....	Bookcase.....	17.80
	Rudolph, West & Co.....	Painting ceiling.....	6.00
	W. B. Moses & Sons.....	Chairs and stool.....	292.92
	do.....	Table.....	29.65
	do.....	do.....	15.25
	do.....	Chairs.....	72.00
	do.....	Table.....	15.25
	do.....	Repairing chairs.....	4.10
	do.....	Table.....	15.25
	J. B. Lambie Co. (Incorporated).....	Mangers and hayracks.....	36.75
	American Writing Machine Co.....	Repairing typewriter.....	21.45
	Woodward & Lothrop.....	Office furniture.....	22.35
	do.....	Mattress, pillow, etc.....	10.76
	do.....	Chairs, millinet, and blankets.....	55.39
	Lutz & Co.....	Riding whip.....	3.50
	United States Express Co.....	Express charges.....	6.90
	do.....	do.....	7.15
	Adams Express Co.....	do.....	10.55
	M. G. Copeland Co.....	Pennants.....	13.50
	R. C. Ballantyne.....	Paper.....	266.82
	do.....	Envelopes.....	60.00
	do.....	Paper.....	129.37
	do.....	Envelopes.....	40.70
	Lamb & Tilden.....	Rubber stamps.....	3.20
	do.....	do.....	3.38
	F. Miller.....	Oil.....	1.44
	The Maurice Joyce Engraving Co.....	Half-tone plate.....	7.76
	do.....	Stereotype plates.....	4.03
	J. C. Entwistle.....	Engraving rain chart.....	10.00
	Mackall Bros.....	Soap.....	41.00
	National Electrical Supply Co.....	Wire.....	1.35
	Remington Typewriter Co.....	Adjusting typewriter.....	16.75
	Densmore Typewriter Co.....	Repairs to typewriter.....	16.65
	Standard Oil Co.....	Oil.....	18.20
	Littlefield, Alvord & Co.....	Drayage.....	43.37
	do.....	do.....	37.82
	Star Union Line.....	Freight charges.....	11.95
	St. Louis and San Francisco R. R. Co.....	do.....	1.12
	Pere Marquette R. R. Co.....	do.....	.61
	do.....	do.....	.65
	Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	53.42
	M. G. Copeland Co.....	Flags.....	1,418.00
	Pennsylvania Co.....	Freight charges.....	.45
	do.....	do.....	.87
	Pennsylvania R. R. Co.....	do.....	4.71
	Southern Rwy. Co.....	do.....	4.27
	do.....	do.....	1.16
	do.....	do.....	24.91
	do.....	do.....	.89
	Atlantic Coast Line R. R. Co.....	do.....	10.76
	do.....	do.....	1.24
	Norfolk and Washington Steamboat Co.....	do.....	4.14
	do.....	do.....	2.20
	Peninsular and Occidental Steamship Co.....	do.....	1.89
	The Oregon Short Line R. R. Co.....	do.....	7.07
	Texas and New Orleans R. R. Co.....	do.....	3.25
	New York and Porto Rico Steamship Co.....	do.....	23.56
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	.89
	Illinois Central R. R. Co.....	do.....	.73
	New London Steamboat Co.....	do.....	1.26

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 31	Grand Rapids and Indiana Rwy. Co.	Freight charges	\$3.78
	Terre Haute and Indianapolis R. R. Co.	do. ....	.55
	Union Pacific R. R. Co.	do.	1.43
	Western Rwy. of Alabama	do. ....	.92
	New Bedford, Marthas Vineyard and Nantucket Steamboat Co.	do.	1.45
	Richmond, Fredericksburg and Potomac R. Co.	do. ....	.50
	Washington Southern Rwy. Co.	do. ....	.69
	Town of New Shoreham	do.	45.48
	Evansville and Terre Haute R. R. Co.	do.	2.84
	Toledo, St. Louis and Western R. R. Co.	do. ....	.84
	J. C. Davis	do.	1.67
	C. H. Mallory & Co.	do.	4.66
	do.	do.	8.80
	B. F. Larcombe et al.	Pay roll, printing office	2,482.74
	Total second quarter		91,819.22
1904. Jan. 11	C. Carter	Cleaning map	8.67
	Geo. S. Slover	Disinfectants	5.00
	Hendee, Bainford, Crandall Co.	Repairing caligraph	5.10
	Thos. Reedy	Bedstead, mattress, etc.	20.00
	Addressograph Co.	Addressograph and cabinet	43.25
	R. Moore	Erecting storm-warning tower	65.00
	Nase, Kraus & Koken	Repairing wind vane	10.00
	W. C. Fickert	Rugs	8.50
	A. I. Weeks	Repairing telegraph line	2.50
	A. Windsor	Repairing instrument shelter	15.00
	E. R. Mason	Repairing clock and thermograph	3.00
	P. Dickerson	Erecting flagstaff, etc.	8.00
	F. J. Massard	Erecting tower	55.00
	C. D. Widman & Co.	File cabinet	40.50
	J. T. Dodge	Coal	86.00
	Chapin & Simpson	Horse hire and keeping horse	13.25
	American Type Founders Co.	Glue	6.35
	A. H. Lemunyon	Erecting tower	45.00
	Wm. Curry's Sons	Stepladder, etc.	5.50
	Seattle Hardware Co.	Furniture	32.75
	L. L. Holland	Running levels	15.00
	E. H. Furbush	Drayage	1.25
	R. T. F. Smith	Cleaning windows	10.00
	Schooner "Ida A," O'Callahan, Nelson & Co.	Freight charges	4.00
	A. H. White	Repairing furniture	10.00
	Morris & Campbell	Carpet	44.90
	J. A. Brashear Co. (Limited)	Telescope	300.00
	H. Sprague	Reeving halyards	10.00
	Western Union Telegraph Co.	Repairing telegraph line	2.80
	Wild & Stevenson	Printing supplies	7.20
	United States Envelope Co.	Envelopes	56.40
	O. B. Stubbs	Cells	3.00
	F. Martin	Furnace and fittings	13.05
	Yates & Co.	Oil, etc.	4.90
	Coston Signal Co. (Incorporated)	Answering signals	33.00
	S. E. Jackson	Erection of tower	45.00
	Standard Oil Co.	Oil	7.35
	C. L. Fries	Erecting tower	50.00
	E. Cooper	Cleaning office	15.00
	C. B. Connor	Ink and mucilage	3.50
	J. W. Clark	Pattern and river tablets	25.00
	C. Brockett	Removing instrument shelter	1.00
	Dobbins Bros.	Key .....	.25
	T. M. Kandle	Repairing instrument shelter	26.10
	J. W. Hollenbeck	Placing shelter in tower	10.00
	Stephens & Son	Copying press	15.00
	J. E. Miller & Sons	Electric light	8.08
	Eureka Lighting Co.	do.	15.00
	Marais Lumber Co.	do.	12.50
	San Antonio Gas and Electric Co.	do.	3.12
	Menominee and Marinette Light and Traction Co.	do.	5.39
	Board of Fire and Water Commissioners	do.	6.03
	Tampa Electric Co.	do.	3.00
	Ashland Light, Power and Street Rwy. Co.	do.	17.50
	Power Department, Bayfield, Wis.	do.	5.00
	Washburn Electric Light and Power Co.	do.	10.00
	F. L. Knight	Washing towels	1.50
	A. L. Crumpton	do. ....	.75
	Lone Star Ice Co.	Ice	4.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 11	Sault Ste. Marie, substations	Pay roll	\$95.98
	W. A. R. Rawle	Services	125.00
	E. Over	do	8.00
	R. Hume	do	17.42
	E. A. Beals	Traveling expenses	67.65
	A. K. Teeple	do	13.50
	L. H. Murdoch	do	14.75
	B. C. Kadel	do	84.20
	R. T. Lindley	do	21.05
	J. P. Bolton	Station expenses	32.90
	L. M. Dey	Drayage	3.39
	N. R. Taylor	do	1.00
	M. A. Robinson	Subsistence	20.00
	Geo. Reeder	Station expenses	6.25
	W. C. Devereaux	Subsistence	30.00
	The Direct West India Cable Co.	Postage stamps	5.00
	R. H. Sullivan	Drayage	.50
	W. T. Lathrop	Subsistence	21.67
	B. C. Kadel	Station expenses	27.67
	E. D. Emigh	Drayage	1.00
	Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation	3.15
	Delaware, Lackawanna and Western R. R. Co.	do	25.60
	Pennsylvania Co.	do	10.75
	Maine Central R. R. Co.	do	12.70
	Northern Pacific Rwy. Co.	do	30.75
	Missouri Pacific Rwy. Co.	do	4.77
	Atlantic Coast Line R. R. Co.	do	12.09
	Texas and New Orleans R. R. Co.	do	25.65
	Galveston, Houston and Northern Rwy. Co.	do	3.95
	A. E. Outerbridge & Co.	do	50.00
	Missouri, Kansas and Texas Rwy. Co.	do	4.35
	Boston and Maine R. R.	do	2.61
	Gallego, Messa & Co.	do	12.00
	The Wabash R. R. Co.	do	26.00
	Seaboard Air Line Rwy.	do	15.80
	Kelley Island and Sandusky Cable Co.	Telegraph services	8.90
	Chicago, Burlington and Quincy Rwy. Co.	do	2.30
	Ocean Tow Boat Line	do	10.00
	Edmond Hayden	Drayage	2.60
	do	do	2.60
	St. Louis Transfer Co.	do	1.02
	Steamer New Shoreham	Freight charges	6.06
	The Gamble Desmond Co.	Office rent	96.00
	A. J. Knight	do	82.19
	Tacoma Chamber of Commerce and Board of Trade	do	75.00
	Estate of S. Marks & Co.	do	84.75
	E. L. Renoe	do	150.00
	C. M. Beeson	do	88.91
	H. Rolle	do	9.00
	O. I. Mairs	do	90.00
	Consolidated Improvement Co.	do	165.00
	Citizens' Bank of Norfolk, Va.	do	131.25
	Orson Adams, jr.	do	120.00
	Yale Hicks, agent	do	120.00
	Peter Sonna	do	120.00
	Fremont Lumber Co.	do	87.75
	Bank of Tehama County	do	99.06
	José Valenti	do	75.00
	Marquette County Savings Bank	do	90.00
	Loan and Exchange Bank of South Carolina	do	150.00
	Law Building Co.	do	62.50
	Dent & Butler	do	105.00
	G. L. Lovett	do	105.00
	The Farmers' National Bank of Fresno	do	94.50
	Walla Walla Lodge, No. 56, I. O. O. F.	do	84.87
	F. E. Warren Mercantile Co.	do	155.00
	Conrad National Bank of Kalispell	do	67.50
	Taylor National Bank	do	143.75
	Paine Bros.	do	77.70
	A. W. Kennie	do	75.00
	Adam Geiger	do	60.00
	Prudential Building Co.	do	170.00
	D. Hope Ross	do	72.00
	W. Pollman	do	112.50
	Jacob Crocker	do	75.00
	Southern Bell Telephone and Telegraph Co.	Telephone services	20.00
	do	do	6.90
	W. S. Rowe	do	3.00
	The San Antonio Telephone Co.	do	7.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904			
Jan. 11	Southern Bell Telephone and Telegraph Co.	Telephone services.....	\$9.00
	Pacific States Telephone and Telegraph Co.	.....do.....	18.00
	Telephone Co. of South Jersey.....	.....do.....	5.00
	Sunset Telephone and Telegraph Co.	.....do.....	6.00
	The Toledo Home Telephone Co.	.....do.....	16.00
	Pacific States Telephone and Telegraph Co.	.....do.....	7.50
	West Virginia Western Telephone Co.	.....do.....	4.50
	Peninsular Telephone Co.	.....do.....	8.25
	The Southern Telegraph and Telephone Co.	.....do.....	7.50
	Idaho Independent Telephone Co.	.....do.....	12.00
	Rocky Mountain Bell Telephone Co.	.....do.....	8.25
	Independent Telephone Co.	.....do.....	7.00
	The Southern New England Telephone Co.	.....do.....	36.00
	Rocky Mountain Bell Telephone Co.	.....do.....	15.00
	The Colorado Telephone Co.	.....do.....	12.00
	Rocky Mountain Bell Telephone Co.	.....do.....	9.00
	Lynchburg Telephone Co.	.....do.....	3.00
	Alabama, Mississippi and Tennessee Telephone Co.	.....do.....	6.00
	Wichita Independent Telephone Co.	.....do.....	7.50
	Bell Telephone Co. of Buffalo.	.....do.....	29.50
	The Independent Telephone and Telegraph Co.	.....do.....	9.00
	Larned Telephone Co.	.....do.....	3.00
	Pacific States Telephone and Telegraph Co.	.....do.....	9.00
	Pennsylvania Telephone Co.	.....do.....	18.00
	Southern Bell Telephone and Telegraph Co.	.....do.....	12.00
	The Southwestern Telegraph and Telephone Co.	.....do.....	15.00
	Southern Bell Telephone and Telegraph Co.	.....do.....	3.00
	Kalispell Water and Electric Co.	.....do.....	12.00
	Mississippi Valley Telephone Co. of Iowa.	.....do.....	6.00
	Southern Bell Telephone and Telegraph Co.	.....do.....	12.00
	Pacific States Telephone and Telegraph Co.	.....do.....	9.00
	Sunset Telephone and Telegraph Co.	.....do.....	11.50
	Columbia Telephone Co.	.....do.....	6.00
	Asheville Telephone and Telegraph Co.	.....do.....	6.00
	Wisconsin Telephone Co.	.....do.....	15.00
	Southern Bell Telephone and Telegraph Co.	.....do.....	9.00
	The Bell Telephone Co. of Philadelphia.	.....do.....	17.25
	Northwestern Telephone Exchange Co.	.....do.....	10.50
	The Colorado Telephone Co.	.....do.....	28.50
	Southern Bell Telephone and Telegraph Co.	.....do.....	24.00
	Central Union Telephone Co.	.....do.....	10.50
	Pennsylvania Telephone Co.	.....do.....	11.25
	La Crosse Telephone Co.	.....do.....	7.50
	Kinloch Telephone Co.	.....do.....	15.00
	Cumberland Telephone and Telegraph Co.	.....do.....	5.10
	Interstate Telephone and Telegraph Co.	.....do.....	4.50
	Southern Bell Telephone and Telegraph Co.	.....do.....	12.00
	Keystone Telephone Co. of Philadelphia.	.....do.....	20.00
	Bluff City Telephone Co.	.....do.....	15.00
	Union Trust Co., Detroit.	.....do.....	7.50
	Alabama, Mississippi and Tennessee Telephone Co.	.....do.....	6.75
	Bank of Wytheville, Va.	Office rent.....	100.00
	Michigan Trust Co. Building.	.....do.....	350.00
	First National Bank, Moorhead, Minn.	.....do.....	66.31
	American Surety Co. of New York.	.....do.....	875.00
	D. L., G. C., S. C. Buhne & M. C. Pratt.	.....do.....	92.20
	Pacific Club.	.....do.....	65.75
	E. Hardinge.	.....do.....	85.00
	Indianapolis Gas Co.	.....do.....	256.25
	Dyal Upchurch Investment Co.	.....do.....	187.50
	T. M. Jeffris & Co.	.....do.....	125.00
	M. M. Latta.	.....do.....	25.00
	E. S. Hughes.	.....do.....	95.45
	Union Trust Building Co. (Limited)	.....do.....	167.50
	J. B. Smith.	.....do.....	75.00
	F. Agramonte.	.....do.....	20.00
	J. L. Connell.	.....do.....	118.75
	P. A. Willis.	.....do.....	10.00
	D. B. Dodge.	.....do.....	59.99
	J. Gussenhoven.	.....do.....	90.00
	T. B. Catron.	.....do.....	105.00
	B. S. Williams.	.....do.....	73.00
	Empire Building Trust.	.....do.....	279.00
	K. F. Coke.	.....do.....	60.00
	M. Parmentier.	.....do.....	74.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 11	The Chemical Building Co.	Telephone service	\$450.00
	City of Palestine, Tex.	do.	78.50
	Estate of J. G. Hatch.	do.	64.75
	W. Talbot.	do.	120.00
	H. H. Taylor, agent Mills Building.	do.	622.50
	A. Marty.	do.	165.00
	E. Cuthbertson.	do.	127.50
	The Hayden Co.	do.	300.00
	C. J. Buell.	do.	94.50
	Title Guarantee Loan and Trust Co.	do.	180.00
	O. I. Taylor.	do.	6.25
	Cheboygan Light, Power and Rwy. Co.	Electric light	11.00
	The Milwaukee Electric Rwy. and Light Co.	do.	12.50
	Edison Sault Electric Co.	do.	16.25
	The Milwaukee Electric Rwy. and Light Co.	do.	12.50
	Charleston Consolidated Gas and Electric Co.	do.	8.75
	Georgetown Electric Co.	do.	8.75
	St. Louis Toilet Supply Co.	Towel service	4.50
	The Towel Manufacturing Co. (Limited)	do.	3.00
	J. H. Groot.	do.	3.00
	Muckermann Ice and Coal Co.	Ice	3.95
	W. B. Lount.	do.	7.65
	The Schnepf & Lauer Co.	Printing climate and crop reports.	2.50
	Libbie Wilson.	Washing towels.	1.50
	McEwer & Lauver.	Wood	15.70
	J. C. Reherd.	Repairing file case.	14.00
	J. A. Robert.	Constructing shelter.	259.00
	do.	Placing molding on walls.	10.00
	Justinian Caire Co.	Copper wire.	8.49
	Goodyear Rubber Co.	Gum tubing. ....	.42
	W. E. Keller.	Repairing instrument shelter.	17.00
	Standard Oil Co.	Oil.	7.88
	The A. Leitz Co.	Compass, pen, and pencil.	1.50
	T. Murphy.	Repairing windlass.	2.50
	Board of Public Works.	Water supply.	3.50
	P. Connor.	Car fare.	7.95
	P. McDonough.	Installing storage battery.	9.60
	E. H. Nimmo.	Washing towels.	1.50
	A. F. Sims.	Drayage. ....	.75
	F. H. Brandenburg.	Drayage and oil.	2.85
	A. C. Pickels.	Traveling expenses.	1.05
	C. H. Richardson.	do.	5.40
	D. Cuthbertson.	do.	8.19
	J. W. Smith.	do.	21.30
	Paul De Graw.	do.	33.05
	J. H. Smith.	do.	4.50
	Pensacola, substations.	Pay roll.	36.00
	C. Sevilla.	Services.	5.00
	C. A. Blumner.	do.	15.00
	W. Ellis.	do.	9.00
	C. W. Schmid.	do.	6.25
	Pennsylvania R. R. Co.	Freight charges.	3.11
	Star Union Line.	do.	1.72
	St. Louis Southwestern Rwy. Co.	do.	8.67
	R. A. Shaw.	Cleaning weather map.	1.00
	O. W. Bye.	Horse hire.	1.00
	do.	Repairing telegraph line.	2.00
	H. A. Poole.	do.	4.00
	G. Beesley.	do.	6.00
	J. A. Green.	do.	2.00
	City of Asheville.	Disinfecting office.	4.00
	A. L. Petrie.	Installing electric battery, etc.	8.69
	W. S. Dodge.	Erecting tower.	50.00
	Yates & Co.	Oil.	4.85
	Stringfellow Drug Co.	do.	1.60
	Yund & Churchill.	Repairing clock. ....	.75
	W. L. Miller.	Repairing desk.	1.00
	E. S. Hughes & Co.	Stove board.	1.00
12	F. H. Brandenburg.	Traveling expenses.	5.55
	P. A. F. Walter, postmaster.	Post-office box rent.	1.50
	O. G. Skylstead.	Coal hod.	1.00
	A. Midgett.	Horse hire and services.	5.00
	A. Stange.	Repairing telegraph line.	3.00
	The J. M. Klein Electrical Works.	Copper wire and dry cells.	5.91
	Flint & Walling Manufacturing Co.	Storm-warning tower.	275.00
	A. F. Loden.	Chairs.	18.00
	Alexander Yost Co.	Screw-drivers.	1.75
	T. G. Hazard, jr.	Sewer connections.	5.75
	F. C. Serenson.	Removing instrument shelter.	9.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904			
Jan. 12	The Columbia Stove Co.....	Grate bars.....	\$19.50
	F. Weber & Co.....	Section liners.....	5.40
	R. H. Thoenen.....	Erecting storm tower.....	100.00
	Pacific States Telephone and Telegraph Co.....	Telegraph services.....	13.70
	New England Telephone and Telegraph Co.....	.....do.....	2.40
	Great Northwestern Telegraph Co. of Canada.....	.....do.....	158.69
	The Central District and Printing Telegraph Co.....	.....do.....	17.80
	Choctaw, Oklahoma and Gulf R. R. Co.....	.....do.....	9.80
	American Toilet Supply Co.....	Towel service.....	2.25
	J. E. Garrett.....	Washing towels.....	.75
	J. F. Beck.....	.....do.....	3.00
	S. J. Nathans.....	Ice.....	1.35
	Grant Rivenburg.....	.....do.....	2.76
	Consumers Ice Co.....	.....do.....	6.00
	City Delivery Co.....	.....do.....	4.60
	Statesman Printing Co.....	Printing climate and crop reports.....	69.00
	Indianapolis Light and Gas Co.....	Electric light.....	18.00
	W. S. Bricker.....	Electric current.....	12.50
	J. F. Byrne.....	.....do.....	12.50
	Charleston Consolidated Gas, Rwy., and Electric Co.....	Electric light.....	8.75
	E. A. Borne.....	.....do.....	27.75
	Kenosha Gas and Electric Co.....	.....do.....	17.50
	A. Hamack.....	.....do.....	11.00
	Astoria Electric Co.....	.....do.....	4.00
	Green Bay Light and Power Co.....	.....do.....	6.25
	Alpena Electric Light Co.....	.....do.....	4.77
	F. D. Miracle.....	Office rent.....	147.00
	Board of County Commissioners.....	.....do.....	67.00
	Asheville Library Association.....	.....do.....	75.00
	Society for Savings.....	.....do.....	285.00
	Chicago Auditorium Association.....	.....do.....	437.50
	J. K. Porter.....	.....do.....	150.00
	Fayette Home Telephone Co.....	Telephone services.....	4.50
	New England Telephone and Telegraph Co.....	.....do.....	14.25
	Southern States Telephone Co.....	.....do.....	9.50
	East Tennessee Telephone Co.....	.....do.....	9.00
	E. V. Hauser.....	.....do.....	10.50
	New England Telephone and Telegraph Co.....	.....do.....	8.75
	Duluth Telephone Co.....	.....do.....	12.50
	The Gordon Telephone Co.....	.....do.....	12.00
	Zenith City Telephone Co.....	.....do.....	7.50
	The City and Suburban Telegraph Association.....	.....do.....	21.00
	Wytheville Telephone Co.....	.....do.....	3.75
	The Bell Telephone Co. of Missouri.....	.....do.....	22.50
	.....do.....	.....do.....	6.93
	New Telephone Co.....	.....do.....	10.00
	Pacific States Telephone and Telegraph Co.....	.....do.....	25.50
	Southern Bell Telephone and Telegraph Co.....	.....do.....	21.00
	The Gordon Telephone Co.....	.....do.....	9.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	15.00
	Rocky Mountain Bell Telephone Co.....	.....do.....	12.00
	Sunset Telephone and Telegraph Co.....	.....do.....	6.00
	East Tennessee Telephone Co.....	.....do.....	12.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	21.50
	Black Hills Telegraph and Telephone Co.....	.....do.....	21.00
	Pacific States Telephone and Telegraph Co.....	.....do.....	39.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	12.00
	Cumberland Telephone and Telegraph Co.....	.....do.....	19.50
	The Bell Telephone Co. of Buffalo.....	.....do.....	30.00
	East Tennessee Telephone Co.....	.....do.....	33.10
	York State Telephone Co.....	.....do.....	7.50
	New York and Pennsylvania Telephone and Telegraph Co.....	.....do.....	7.50
	New York Telephone Co.....	.....do.....	60.00
	Citizens Telephone Co.....	.....do.....	13.25
14	Providence Telephone Co.....	Repairing telegraph line.....	420.00
	The Consolidated Telephone Companies of Pennsylvania.....	Telephone services.....	9.00
	D. Carpenter.....	Window shades.....	13.90
	Pacific States Telephone and Telegraph Co.....	Dry battery.....	1.08
	J. F. Myers.....	Services.....	15.00
	M. A. Webster.....	.....do.....	15.00
	S. W. Lightner.....	.....do.....	30.00
	L. C. Collins.....	.....do.....	23.87
	J. E. Harris, jr.....	.....do.....	16.00
	N. W. Wagner.....	.....do.....	21.00

388 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 14	Alpena, substations.....	Pay roll.....	\$83.55
	Buffalo, substations.....	.....do.....	134.10
	Chicago, substations.....	.....do.....	493.06
	Charleston, substations.....	.....do.....	30.00
	.....do.....	.....do.....	81.50
	Duluth, substations.....	.....do.....	117.75
	Jacksonville, substations.....	.....do.....	75.00
	Louisville, substations.....	.....do.....	66.00
	New Haven, substations.....	.....do.....	48.00
	Norfolk, substations.....	.....do.....	120.00
	Parkersburg, substations.....	.....do.....	82.00
	Philadelphia, substations.....	.....do.....	60.50
	.....do.....	.....do.....	69.00
	Port Huron, substations.....	.....do.....	179.03
	Vicksburg, substations.....	.....do.....	90.00
	J. R. Hey.....	Painting instrument shelter.....	7.00
	J. C. Reherd.....	Erecting rain gauge, etc.....	32.00
	H. Booker.....	Oil.....	11.71
	H. J. Ledoux.....	Drinking water.....	4.00
	McCormick & Bates.....	Drayage.....	1.00
	Empire Transfer Co.....	.....do.....	2.50
	The French Telegraph-Cable Co.....	Telegraph services.....	55.00
	W. J. Crawford.....	Drayage.....	2.70
	L. Hendricks.....	Repairing telegraph line.....	5.00
	T. J. Tillett.....	Horse hire.....	2.00
	Nashville Gas Co.....	Gas.....	12.00
	The Peoples' Gas Light and Coke Co.....	.....do.....	11.40
	Standard Gas and Electric Co.....	.....do.....	13.35
	Di Georgia Importing and Steamship Co.....	Passenger transportation.....	30.00
	Spokane Falls and Northern Rwy. Co.....	.....do.....	8.90
	Baltimore and Ohio Southwestern Rwy. Co.....	.....do.....	5.76
	D. W. King.....	Washing towels.....	3.00
	Nashville Laundry Co.....	Towel service.....	1.80
	Williamson Towel Supply Co.....	.....do.....	3.00
	Charlevoix Electric Light Co.....	Electric light.....	4.50
	Stearns Electric Light and Power Co.....	.....do.....	11.25
	W. V. Hughes.....	.....do.....	9.00
	Gloucester Electric Co.....	.....do.....	29.73
	M. E. Conway.....	Office rent.....	37.74
	Northwestern Mutual Life Insurance Co.....	.....do.....	125.00
	E. S. Allen.....	Telephone services.....	7.50
	Citizens' Telephone Co. of Muskegon.....	.....do.....	6.00
	Cumberland Telephone and Telegraph Co.....	.....do.....	29.85
	The Central District and Printing Telegraph Co.....	.....do.....	35.75
	The Colorado Telephone Co.....	.....do.....	13.50
	Southwestern Telegraph and Telephone Co.....	.....do.....	18.00
	Nebraska Telephone Co.....	.....do.....	21.00
	New England Telephone and Telegraph Co.....	.....do.....	14.25
	New York and Pennsylvania Telephone and Telegraph Co.....	.....do.....	12.00
	Williston Telephone Exchange.....	.....do.....	6.00
	Cumberland Telephone and Telegraph Co.....	.....do.....	21.00
	Ontario Telephone Co.....	.....do.....	15.00
	Missouri and Kansas Telephone Co.....	.....do.....	6.00
	Hudson River Telephone Co.....	.....do.....	16.50
	New York, substations.....	Pay roll.....	35.00
	Macon, substations.....	.....do.....	57.00
	E. H. Emery.....	Station expenses.....	15.94
	.....do.....	.....do.....	21.35
	L. N. Jesunofsky.....	Drayage.....	3.00
	J. R. Weeks.....	Drayage and gasoline.....	1.50
	F. Z. Gosewisch.....	Drayage.....	.50
	F. H. Clarke.....	Drayage, etc.....	2.35
	R. M. Small.....	Drayage.....	3.00
	G. W. Felger.....	.....do.....	1.25
	D. Horton.....	Office rent.....	120.00
	New England Telephone and Telegraph Co.....	Telephone services.....	8.25
	Southern Bell Telephone and Telegraph Co.....	.....do.....	12.00
	Central New York Telephone and Telegraph Co.....	.....do.....	20.00
	Iowa Telephone Co.....	.....do.....	15.00
	The Empire State Telephone and Telegraph Co.....	.....do.....	7.50
	Cherry County Telephone Co.....	.....do.....	7.50
	Nebraska Telephone Co.....	.....do.....	15.00
	Dakota Central Telephone Lines (Incorporated).....	Telegraph services.....	85.55
	Lake Cities Electric Rwy. Co.....	Electric light.....	12.50
	Phoenix Light and Fuel Co.....	.....do.....	5.29

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 14	Asheville Electric Co.....	Electric light.....	\$3.75
	Port Huron Light and Power Co.....	do.....	6.65
	Benton Harbor and St. Joseph Electric Rwy. and Light Co.....	do.....	12.50
	Lincoln Traction Co.....	Electric current.....	13.50
	The Raleigh Electric Co.....	do.....	4.50
	Jacksonville Towel Co.....	Towel services.....	3.00
	Eastern Towel Supply Co.....	do.....	6.00
	Omaha Towel Co.....	Washing towels.....	3.00
	A. Lynn e' Hijos de Perez Moris.....	Printing climate and crop reports.....	78.00
	A. E. Peterson.....	Repairing storm-warning tower.....	1.30
	The Consumers Co.....	Ice.....	5.00
	Peleg Brown.....	Repairing telegraph line.....	6.00
	Lehigh Valley R. R. Co.....	Passenger transportation.....	4.39
	Mobile and Ohio R. R. Co.....	do.....	4.05
	San Pedro, Los Angeles and Salt Lake R. R. Co.....	do.....	13.65
18	Narragansett Pier R. R. Co.....	do.....	2.57
	Cairo, substations.....	Pay roll.....	152.40
	Atlanta, substations.....	do.....	30.00
	Mobile, substations.....	do.....	72.00
	Cleveland, substations.....	do.....	211.14
	Harrisburg, substations.....	do.....	105.00
	Portland, substations.....	do.....	150.00
	Wilmington, substations.....	do.....	72.00
	St. Louis, substations.....	do.....	122.05
	Portland, Oreg., substations.....	do.....	81.50
	Atlanta, substations.....	do.....	82.00
	Cincinnati, substations.....	do.....	187.75
	E. B. Calvert.....	Traveling expenses.....	15.35
	F. J. Walz.....	do.....	72.07
	J. F. Cotter.....	Services.....	15.75
	R. J. McMaster.....	do.....	15.00
	W. A. Crawford.....	do.....	50
	C. P. Blachly.....	do.....	9.00
	F. C. Heibel.....	do.....	9.00
	G. N. Wilson.....	Drayage.....	1.40
	H. C. Howe.....	do.....	1.40
	S. W. Glenn.....	Painting instrument shelter.....	9.85
	J. Fitzgerald.....	Station expenses.....	2.90
	New England Telephone and Telegraph Co.....	Telephone service.....	29.00
	Southern Bell Telephone and Telegraph Co.....	do.....	10.97
	Union Trust Co., Detroit.....	do.....	28.50
	Missouri and Kansas Telephone Co.....	do.....	30.00
	Central Union Telephone Co.....	do.....	15.00
	The Northwestern Telephone Exchange Co.....	do.....	21.00
	Cumberland Telephone and Telegraph Co.....	do.....	16.50
	Ohio River Telephone Co.....	do.....	15.40
	Louisville Home Telephone Co.....	do.....	12.00
	Georgia Telephone and Telegraph Co.....	do.....	15.00
	Sunset Telephone and Telegraph Co.....	do.....	15.00
	Northwestern Telephone Exchange Co.....	do.....	6.00
	The Cleveland Telephone Co.....	do.....	33.00
	Columbus Citizens' Telephone Co.....	do.....	10.00
	The Twin City Telephone Co.....	do.....	12.00
	Southern Bell Telephone and Telegraph Co.....	do.....	7.50
	Home Telephone Co.....	do.....	7.50
	Consolidated Telephone Co.....	do.....	5.00
	Fall River Electric Light Co.....	do.....	16.16
	Frankfort Electric Light Co.....	Electric light.....	12.50
	City of Grand Haven.....	do.....	18.00
	Manistee Gas and Electric Co.....	do.....	7.50
	Electric Lighting Co. of Mobile.....	do.....	2.57
	Rockingham County Light and Power Co.....	do.....	21.92
	O. C. G. Urban.....	do.....	12.50
	The Agricultural and Mechanical College of Kentucky.....	do.....	3.00
	Muskegon Traction and Lighting Co.....	do.....	7.50
	Red Wing Gas and Electric Co.....	do.....	7.50
	People's Gas and Electric Co., of Oswego.....	do.....	10.13
	Townsend Gas and Electric Co.....	do.....	7.50
	Sociedad Anonima Luz Electrica.....	do.....	21.60
	Nashville Rwy. and Light Co.....	Electric current.....	15.00
	Minneapolis General Electric Co.....	do.....	15.00
	D. Moyer.....	Washing towels.....	6.00
	Long's Towel Supply.....	do.....	3.00
	Munger's Laundry Co.....	Towel supply.....	6.00
	Buffalo Gas Co.....	Gas.....	4.50
	W. A. Johnson & Co.....	Painting roof, etc.....	65.00
	H. Bolton.....	Office rent.....	52.84

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 18	A. B. Smith.....	Office rent.....	\$85.35
	A. M. Ferguson.....	Mowing grass, etc.....	11.50
	C. E. Purdy.....	Erecting tower.....	55.00
	Clem Jaycocks.....	Ice.....	9.20
	J. C. Linne.....	Boxing cable and storing.....	10.00
	L. H. Jones.....	Recasting rollers.....	3.30
	Milner & Ebert.....	Oil.....	4.00
	Barnhart Bros. & Spindler.....	Printing supplies.....	3.73
	Illinois District Telegraph Co.....	Delivering bulletins.....	15.00
	A. L. Walker.....	Repairing flagstaff.....	10.00
	Hoke Engraving Plate Co.....	Gas stove.....	11.50
	The Direct West India Cable Co.....	Telegraph services.....	152.52
	Postal Telegraph Cable Co.....	do.....	37.20
	Iowa Telephone Co.....	do.....	5.10
	Postal Telegraph Cable Co., of Texas.....	do.....	11.45
	Pacific States Telephone and Telegraph Co.....	do.....	10.30
	The Texas Pacific Rwy. Co.....	Passenger transportation.....	9.60
	Missouri, Kansas and Texas Rwy. Co.....	do.....	3.25
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	12.75
	The Cuba Co.....	do.....	15.71
	Adams Express Co.....	Express charges.....	1.50
	New Orleans and Northwestern R. R. Co.....	Freight charges.....	4.67
	Rome, Watertown and Ogdensburg R. R.....	do.....	.45
	Erie R. R. Co.....	do.....	.83
	Louisville and Atlantic R. R. Co.....	do.....	1.09
	Willis L. Moore.....	Traveling expenses.....	17.50
	Fraternal Hall Association.....	Office rent.....	105.00
	Union Trust Co., Detroit.....	Telephone services.....	9.00
	do.....	do.....	6.00
	Southwestern Telegraph and Telephone Co.....	do.....	9.00
	City of Lake.....	Electric light.....	7.50
	City of South Haven.....	do.....	12.50
	Electric Light Co.....	do.....	18.00
	The Union Ice Co.....	Ice.....	9.20
	Consumers' Ice Co.....	do.....	3.95
	Capital Ice Co.....	do.....	3.90
	Cumberland Telephone and Telegraph Co.....	Telephone services.....	163.40
	E. P. Jones.....	Office rent.....	25.00
	J. W. Byram.....	Station expenses.....	9.00
	Augusta, substations.....	Pay roll.....	48.00
	Albany, substations.....	do.....	54.00
	Knoxville, substations.....	do.....	116.25
	Little Rock, substations.....	do.....	60.00
	Montgomery, substations.....	do.....	87.00
	Memphis, substations.....	do.....	51.00
	New Orleans, substations.....	do.....	117.50
	Portland, Me., substations.....	do.....	90.00
	C. P. Searle.....	Services.....	30.00
	J. Hyslop.....	do.....	30.00
	J. W. Bauer.....	Ice, drayage, etc.....	5.30
	Savannah, substations.....	Pay roll.....	61.00
	C. P. Disney.....	Services.....	21.00
	D. Cuthbertson.....	Traveling expenses.....	2.35
	J. P. Slaughter.....	Drayage, etc.....	1.60
	G. N. Salisbury.....	Drayage.....	3.35
	R. M. Hardinge.....	do.....	2.25
	Los Angeles Trust Co.....	Office rent.....	195.00
	Department of the Interior of Porto Rico.....	do.....	150.00
	First National Bank.....	do.....	126.00
	C. Baldwin.....	do.....	112.50
	F. L. Keating.....	do.....	96.00
	W. H. Dann.....	do.....	72.00
	Cleary Bros.....	do.....	135.00
	Southern Bell Telephone and Telegraph Co.....	Telephone services.....	12.00
	Southwestern Telegraph and Telephone Co.....	do.....	15.00
	Cumberland Telephone and Telegraph Co.....	do.....	48.00
	Southern Bell Telephone and Telegraph Co.....	do.....	8.25
	People's Telephone and Telegraph Co.....	do.....	7.50
	O. C. G. Urban.....	Electric light.....	4.00
	Mutual Light and Water Co.....	do.....	7.20
	Duluth General Electric Co.....	Electric current.....	25.95
	Duluth Van and Storage Co.....	Drayage.....	2.75
	Harry Porter.....	Scrap books.....	3.20
	C. B. Little.....	Water supply.....	11.00
	Robert Little.....	Drayage.....	3.00
	Geo. F. Muth & Co.....	Benzine, etc.....	24.59
	A. O. Hutterly.....	Repairing clock.....	1.50
	Postal Telegraph Cable Co.....	Telegraph services.....	585.32
	Pacific States Telephone and Telegraph Co.....	Rent of conduit.....	35.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 18	James Miller.....	Repairing tower.....	\$25.00
	W. S. Palmer.....	Station expenses.....	10.78
	L. H. Murdoch.....	Drayage.....	19.55
	The Wabash R. R. Co.....	Passenger transportation.....	15.00
	Union Pacific R. R. Co.....	do.....	24.21
	Southern Rwy. Co.....	do.....	35.35
	Corvallis and Eastern R. R. Co.....	Telegraph services.....	2.60
	Home Telephone Co.....	do.....	10.40
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	Freight charges.....	2.23
	New York and Cuba Mail S. S. Co.....	do.....	2.20
	F. S. Webster Co.....	Repairing typewriter.....	7.50
	A. S. Cook.....	Office rent.....	90.00
	Wm. Curry's Sons.....	do.....	24.00
	Joseph Bryan.....	do.....	150.00
	Wisconsin Telephone Co.....	Telephone services.....	3.75
	East Tennessee Telephone Co.....	do.....	15.40
	do.....	do.....	4.70
	Dubuque Telephone Co.....	do.....	6.00
	Santa Fe Electric Telephone Co.....	do.....	6.00
	R. L. Lewis.....	do.....	24.00
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	do.....	14.79
	A. Klein.....	Washing towels.....	2.00
	R. G. Thomas.....	do.....	3.00
	The Pennsylvania R. R. Co.....	Passenger transportation.....	62.00
	The Great Northern Rwy. Co.....	do.....	22.55
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	3.29
	The Baltimore Steam Packet Co.....	do.....	3.00
	Louisville and Nashville R. R. Co.....	do.....	5.35
	A. F. Outerbridge & Co.....	do.....	35.00
	Baltimore and Ohio R. R. Co.....	do.....	94.00
	Northern Pacific Rwy. Co.....	do.....	4.80
	A. Midgett.....	Repairing telegraph line.....	2.50
	H. A. Brossard.....	Drayage.....	5.75
	C. C. Ball.....	Oil.....	12.85
	Addressograph Co.....	Pad holder, etc.....	1.10
	Lefebvre Lumber Co.....	Office chair.....	4.50
	Loring & Co. (Incorporated).....	Bookcase.....	39.15
	R. H. Vorpahl.....	Recasting rollers.....	3.00
	C. H. Williams Electric Co.....	Installing battery.....	3.60
	Wabash R. R. Co.....	Freight charges.....	1.12
	Denver and Rio Grande R. R. Co.....	do.....	5.98
	Norfolk and Southern R. R. Co.....	do.....	11.53
	Toledo, Peoria and Western Rwy. Co.....	do.....	.86
	Virginia and Truckee R. R. Co.....	do.....	.25
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	1.65
	Consolidated Electric Light Co.....	Electric light.....	37.50
	Paul De Graw.....	Traveling expenses.....	58.25
	Mill Valley and Mount Tamalpais Scenic Rwy.....	Services.....	15.00
	Louis Dorman.....	Drayage.....	.55
	J. M. Watson.....	do.....	10.80
	Galveston, substations.....	Pay roll.....	253.75
	Chattanooga, substations.....	do.....	139.70
	Pittsburg, substations.....	do.....	386.50
	Baltimore, substations.....	do.....	90.00
	Fort Smith, substations.....	do.....	39.00
	Improvement Loan and Trust Co.....	Office rent.....	206.25
	Mill Valley and Mount Tamalpais Scenic Rwy.....	do.....	105.00
	L. A. Brown.....	Box.....	5.00
	Max Levy.....	Electric current.....	30.00
	Bell & Dilling.....	Erecting tower.....	48.00
	J. P. Slaughter.....	Traveling expenses.....	3.75
	La Crosse, substations.....	Pay roll.....	65.00
	Raleigh, substations.....	do.....	120.00
	Boston, substations.....	do.....	199.50
	J. F. Newsom.....	Drayage.....	1.25
	A. G. Burns.....	Station expenses.....	1.25
	A. E. Hackett.....	Drayage.....	9.55
	E. R. Demain.....	Station expenses.....	3.05
	F. P. Chaffee.....	Drayage.....	3.05
	J. M. Sherrier.....	Street-car fare.....	5.15
	J. L. Cline.....	Station expenses.....	7.05
	M. W. Hayes.....	Drayage.....	5.68
	S. W. Glenn.....	Express charges.....	9.05
	W. T. Blythe.....	Drayage.....	27.90
	J. W. Smith.....	do.....	9.56
	R. G. Allen.....	do.....	19.10
	H. D. Pillichody.....	Service.....	30.00

392 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 23	Cumberland Telephone and Telegraph Co.	Telephone services	\$74.00
	Rocky Mountain Bell Telephone Co.	do	31.70
	Bell Telephone Co., of Buffalo	do	1.10
	Cumberland Telephone and Telegraph Co.	do	10.40
	Amarillo Telephone Exchange	do	9.00
	Maryland Telephone and Telegraph Co.	do	18.00
	The Chesapeake and Potomac Telephone Co.	do	31.25
	Cumberland Telephone and Telegraph Co.	do	12.30
	Diamond State Telephone Co.	do	6.25
	Southwestern Telegraph and Telephone Co.	do	21.00
	Southern Bell Telephone and Telegraph Co.	do	15.00
	Jacksonville Telephone Co.	do	7.50
	Morgan City Improvement Co. (Limited)	Electric light	7.50
	Nantucket Gas and Electric Co.	do	20.14
	Annapolis Gas and Electric Light Co.	do	9.00
	The United Electric Light and Power Co.	do	9.00
	Duluth General Electric Co.	Electric current	7.65
	Cumberland Telephone and Telegraph Co.	Telephone services	109.90
	Knox Telephone and Telegraph Co.	do	3.50
	J. T. Harper	do	31.22
	J. E. Dooley	Office rent	150.00
	American Linen Supply Co.	Towel supply	3.00
	Baltimore Towel Supply Co.	do	2.25
	C. A. Johnson	Washing towels	3.00
	Galveston Gas Co.	Gas	10.95
	Norfolk and Western Rwy. Co.	Passenger transportation	7.55
	Wm. A. Robinson	Repairing flagstaff	6.00
	E. M. Depew	Platen	4.75
	Cutrell & Leffingwell	Transportation	75.00
	W. H. H. Smith	Team hire	12.00
	F. M. McKeough	Recasting rollers	3.00
	H. B. Hartman	Drinking water	4.50
	J. P. Nawrath	Twine	98.73
	Erie and Western Transportation Co.	Freight charges	1.43
	Boulton, Bliss & Dallett	do	.29
	do	do	.39
	Detroit and Mackinac Rwy. Co.	do	2.22
	The Denver and Rio Grande R. R. Co.	do	4.56
	Washington Southern Rwy. Co.	do	1.25
	Alabama and Vicksburg Rwy. Co.	do	.69
	D. P. McCallum	Traveling expenses	6.00
	do	Repairing thermograph clock	1.50
	A. McC. Ashley	Drayage	9.25
	Frank Jermin	Drayage, etc.	.90
	L. M. Pindell	Station expenses	5.65
	H. B. Hersey	Drayage, etc.	6.48
	Boston, substations	Pay roll	789.25
	The Washington County Telephone Co.	Telephone services	6.50
	The Tyrrell County Telephone Co.	do	6.50
	Chicago Telephone Co.	do	8.15
	Southern Bell Telephone and Telegraph Co.	do	7.80
	Forsberg & Murray	Constructing smokestack	284.00
	The Maurice Joyce Engraving Co.	Photo-engraving plates	75.43
	do	do	222.36
	D. P. McCallum	Subsistence	57.37
	W. C. Devereaux	Subsistence, etc.	48.84
	Bossnot & Fuller	Removing office, etc.	75.00
	The Consolidated Gas Company	Gas	.77
	H. E. Hobbs	Traveling expenses	19.46
	C. C. Garrett	Drayage and washing towels	3.50
	Clinckett & Coates	Office rent	69.25
	M. E. Shelden	do	93.75
	Chamber of Commerce Building Co.	do	93.21
	Southern Bell Telephone and Telegraph Co.	Telephone services	18.00
	Rocky Mountain Bell Telephone Co.	do	15.00
	Cumberland Telephone and Telegraph Co.	do	12.00
	Palestine Telephone Co.	do	9.00
	The Citizens' Gas and Electric Co.	Electric light	16.85
	The Commercial Electric Co.	do	16.83
	Amarillo Water, Light, and Power Co.	do	15.90
	Board of Public Service, Lighting Department.	do	11.96
	The Cuba Central Rwys. (Limited)	Passenger transportation	9.09
	The H. & W. B. Drew Co.	Printing climate and crop bulletins	63.05
	Baumgardt Publishing Co.	Printing climate and crop reports	16.25
	Julien P. Friez	Thermometer supports	106.25
	do	Covers for triple registers	41.25
	do	Instruments and repairs	606.50
	John C. Parker	Agate stylus	5.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 23	John C. Parker	Adding machine	\$5.00
	F. Weber & Co.	Celluloid rules	2.00
	E. P. Howell	Wood	6.00
	Paul Graziar	Repairing clock	2.50
	W. F. Hooper	Erecting coal bin, etc.	26.50
	Norwich University	Steam heat and electric light ..	21.50
	W. B. Moses & Sons	Wardrobe	11.75
	John A. Roebbling's Sons Co.	Telegraph wire	32.00
	The Addressograph Co.	Setting case, etc.	1.60
	R. Hoe & Co.	Patent galley	1.75
	F. F. Bossett	Drayage	4.00
	Queen & Co. (Incorporated)	Nitric acid	2.10
	Minneapolis General Electric Co.	Relocating motor	2.25
	G. W. O'Brien	Office rent	18.00
	C. F. Marvin	Traveling expenses	16.20
	J. C. Hayden	Drayage	2.00
	T. P. Simpson	Cement	10.00
	Northwestern Telephone Exchange Co.	Telephone services	32.35
	Iowa Telephone Co.	do.	30.00
	Marthas Vineyard Telegraph Co.	Telephone services	45.16
	Ocean Tow Boat Line	do.	12.00
	Pacific States Telephone and Telegraph Co.	do.	14.20
	Rising Sun Telegraph Line	do.	2.60
	The Huron Village Electric Light Plant	Electric light	17.83
	Arizona Laundry Co.	Washing towels .....	.26
	M. T. Hayden	do.	3.00
	E. B. Richards	Express charges, etc.	8.55
	L. S. Woodhouse	Horse hire	2.00
	W. E. Prudhomme	Binding records	2.50
	Chadwick-Swain Furniture Co.	Repairing chairs .....	.50
	Standard Oil Co.	Oil	5.40
	H. H. Buhne	do.	3.50
	W. S. Simpson	Services and horse hire	2.50
	Hoke Engraving Plate Co.	Stereotyping supplies	10.50
	The General Cartage and Storage Co.	Drayage	10.40
	F. J. Finck	Recasting rollers	4.50
	P. P. Bernhard & Co.	Rubber stamps	1.25
	C. A. Burton	Coal	191.05
	Union Trust Co., Detroit	Telephone services	7.30
	New Orleans, substations	Pay roll	147.00
	New York Central and Hudson River R. R. Co.	Passenger transportation	42.80
	The Oregon R. R. and Navigation Co.	do.	71.55
	Chicago, Burlington and Quincy Rwy. Co.	Telephone services	1.32
	Tucker Telephone and Telegraph Co.	do.	15.00
	Moncure and Pittsboro Telegraph Co.	do.	3.00
	Peter Wood	Drayage .....	.75
	Addressograph Co.	Addressograph parts .....	.93
	Edward Mullin	Rags	14.00
31	J. J. Gray	Traveling expenses	23.05
	Nashville, substations	Pay roll	79.50
	Shreveport, substations	do.	41.77
	Galveston, substations	do.	30.00
	Houghton, substations	do.	47.74
	H. B. P. Carden	Services	2.00
	E. M. Minehart	Traveling expenses	4.80
	A. Farnham	do.	6.00
	H. Hamilton	do.	5.48
	do.	do.	12.26
	S. M. Blanford	Express charges	4.10
	L. M. Cline	do.	5.20
	E. C. Vose	Station expenses	20.20
	E. A. Evans	Drayage	13.60
	J. B. Marbury	Station expenses	17.90
	C. M. Strong	Drayage	9.00
	D. C. Grunow	Station expenses	6.76
	A. F. Sims	Drills, etc.	3.80
	C. E. Johnson	Ferriage	3.25
	Capital Telephone and Telegraph Co.	Telephone services	4.50
	F. G. Blaisdell	do.	16.50
	Chicago Telephone Co.	do.	57.50
	East Tennessee Telephone Co.	do.	9.00
	M. M. Latta	Office rent	25.00
	G. W. Kelley	Rent of stable	46.13
	New Orleans and Carrollton R. R., Light, and Power Co.	Electric light	7.30
	New Orleans Lighting Co., Lessee	Gas	13.75
	Chicago, Milwaukee and St. Paul Rwy. Co.	Passenger transportation	8.00
	Pennsylvania Co.	do.	17.50
	Louisville and Nashville R. R. Co.	do.	23.33

394 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904			
Jan. 31	Michigan Central R. R. Co.	Passenger transportation	\$10.62
	Washington County R. R. Co.	do.	13.20
	Norfolk and Southern R. R. Co.	do.	6.65
	The Baltimore and Ohio R. R. Co.	do.	25.25
	West Virginia Central and Pittsburg Rwy. Co.	do.	6.80
	St. Louis and San Francisco R. R. Co.	do.	8.10
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.	43.40
	The Pennsylvania R. R. Co.	do.	102.80
	L. E. Scarr.	Washing towels	1.50
	Johnson & Johnson	Ice	2.40
	The Union Ice Co.	do.	9.20
	Columbian Transfer Co.	Drayage	16.15
	Baumgardt Publishing Co.	Printing climate and crop reports	13.00
	E. Roscher	File case	24.00
	The Daggett Printing Co.	Binding weather maps	1.50
	R. Bell	Packing batteries	3.00
	Silcott & Price	Stove	8.85
	L. F. Willoughby	Recasting rollers	3.90
	J. A. Roebbing's Sons Co.	Cable	100.00
	W. Talbott	Stovepipe	1.50
	Carter, Rice & Co. (Incorporated)	Paper	127.42
	E. J. Shuttuck Co.	Recasting rollers	2.40
	The Van Bibber Roller Co.	do.	4.00
	Yates & Co.	Oil	5.00
	Queen & Co. (Incorporated)	Measuring sticks	18.00
	H. A. Poole	Horse hire	1.50
	C. Smith	do.	2.50
	Currie Co.	Repairing plumbing	9.55
	J. A. Roche & Co.	Repairing clocks	3.00
	J. Fredericks & Co. (Incorporated)	Carpet	80.60
	Hubbard-Heilborn Electric Co.	Battery apparatus	6.10
	E. C. Fuller Co.	Wire, etc.	7.15
	Johnson & Johnson	Coal and wood	28.00
	Standard Oil Co.	Gasoline	20.35
	Detroit and Mackinac R. R. Co.	Freight charges	1.63
	Star Union Line	do.	3.49
	Wisconsin Central Rwy. Co.	do.	.40
	The Erie and Western Transportation Co.	do.	.83
	Grand Rapids and Indiana Rwy. Co.	do.	3.14
	do.	do.	1.15
	The Colorado and Southern Rwy. Co.	do.	2.08
	Francis Miller	Turpentine	29.98
	Mackall Brothers	Glycerin	1.65
	J. B. Lambie Co. (Incorporated)	Sheet zinc	16.00
	John C. Parker	Paper	58.25
	do.	Files	18.00
	W. B. Moses & Sons	Shades	13.21
	do.	do.	20.22
	Delano & Moore	Rubber gloves, etc.	5.68
	The Smith Premier Typewriter Co.	Repairing typewriter	18.00
	Lamb & Tilden	Rubber stamps	2.64
	do.	do.	2.73
	do.	do.	1.03
	do.	do.	4.96
	American Writing Machine Co.	Typewriters	144.50
	do.	Typewriter stand	48.00
	W. S. Jenks	Iron trays	24.00
	J. C. Entwistle	Engraving rain chart	10.00
	J. W. Jordan & Co.	Recasting rollers	.50
	Southern Printers' Supply Co.	Logotype cases	8.00
	District of Columbia Paper Manufacturing Co.	Blotting paper	95.04
	W. H. Dyer	Sawdust	2.10
	M. G. Copeland Co.	Pennants	11.50
	E. C. Newsom	Station expenses	4.98
	R. P. Andrews & Co. (Incorporated)	Letter clips	3.20
	The J. C. Ergood Co.	Stove polish	5.50
	C. F. Schneider	Drayage	3.65
	Chicago, Milwaukee and St. Paul Rwy. Co.	Passenger transportation	20.98
	Houston and Texas Central R. R. Co.	do.	6.40
	Elizabeth City and Norfolk Telegraph Co.	Telegraph services	7.60
	Chicago and Northwestern Rwy. Co.	Passenger transportation	4.45
	Wm. Curry's Sons	Lawn mower	14.75
	Addressograph Co.	Printing materials	15.65
	Winton Telegraph Co.	Telegraph services	7.70
	W. B. Moses & Sons	Mirror	2.50
	O. W. Roberts	Station expenses	5.15
	W. L. Day	do.	39.11
	Wisconsin Telephone Co.	Telephone services	30.00
	The Southwestern Telegraph and Telephone Co.	do.	18.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 31	Topeka Independent Telephone Co.	Telephone services	\$9.00
	Phillips, Smith & Van Orden (Incorporated)	Printing bulletins	45.00
	..do.	..do.	45.00
	P. H. Cheney & Sons	Electric light	4.69
	The Smith Premier Typewriter Co.	Repairing typewriter	22.50
	Grable & Collings Co.	Ink	2.75
	Delaware and Hudson Co.	Freight charges	1.05
	F. P. Evans	Traveling expenses	60.40
	B. F. Larcombe et al.	Pay roll, printing office	2,512.67
Feb. 4	F. J. Walz	Traveling expenses	3.00
	Milwaukee, substation	Pay roll	143.22
	J. N. Ryker	Station expenses	19.10
	R. M. Geddings	..do.	1.10
	G. E. Grimes	..do.	2.92
	M. E. Blystone	Drayage, etc.	.75
	N. B. Conger	Special-delivery stamps	7.29
	D. Cuthbertson	Station expenses	15.55
	C. P. Meekins	Office rent	3.00
	K. Wagner	..do.	75.00
	E. D. Osborn	..do.	125.00
	Cumberland Telephone and Telegraph Co.	Telephone services	10.00
	Sunset Telephone and Telegraph Co.	..do.	15.00
	Union Trust Co., Detroit	..do.	2.50
	Sunset Telephone and Telegraph Co.	..do.	4.50
	The Culver Construction Co.	Electric light	14.50
	Houghton County Electric Light Co.	..do.	23.87
	Improvement Loan and Trust Co.	..do.	17.50
	The City of East Towas	..do.	7.50
	Consolidated Gas Co. of New Jersey	Electric current	35.34
	A. A. Finck	Printing climate and crop reports	4.00
	The Northwestern Telegraph Co. of Canada	Telegraph services	155.47
	Central District and Printing Telegraph Co.	..do.	20.00
	Western Union Telegraph Co.	..do.	426.77
	..do.	..do.	14,991.38
	Great Northern Rwy. Co.	Passenger transportation	33.90
	New York and Cuba Mail Steamship Co.	..do.	40.00
	Central Electric Co.	Battery jars, etc.	25.49
	Robert Burns	Constructing board walk	37.75
	C. D. Page	Drayage	7.20
	Silcott & Price	Wire, etc.	87.79
	Needham Bros.	Washing towels	1.17
	The Globe Wernicke Co.	Index cards	10.00
	Arnold & Wetherbee	Installing batteries	7.10
	Duluth Van and Storage Co.	Removing instruments and shelter.	89.00
	Chas. Eneu Johnson & Co.	Ink	61.00
	W. B. Davidson	Photograph	1.50
	J. H. Leslie	Force pump	25.00
	Yates & Co.	Oil	10.40
	Stoll & Thayer Co.	Bookcase	64.50
	The Richmond Day Co.	Repairing chairs	6.00
	J. C. Tucker, jr.	Coal	105.50
	Justinian Caire Co.	Mercury	1.00
	Goodyear Rubber Co.	Rubber	9.59
	Yates & Co.	Oil	5.40
	Alexander Yost Co.	Faucet and solder	2.45
	Bingham & Runge	Recasting rollers	3.25
	D. S. Lacey	Ink	3.00
	I. B. Hoffmire	Repairing instrument shelter	4.00
	J. Lang	Repairing telegraph line	14.00
	Riggs & Bro.	Repairing clock	3.50
	Yates & Co.	Oil	4.50
	Geo. H. Fuller Desk Co.	Bookcase	11.00
	American Type Founders Co.	Logotype	84.56
	Angells Express	Moving office furniture	8.00
	John Underwood & Co.	Ink	11.03
	..do.	Paper	90.10
	Casper Ward	Erecting instrument shelter	6.75
	Thayer & Jackson	Binding charts	10.50
	..do.	Binding records	1.50
	The Pacific Transfer Co.	Drayage	35.50
	E. Hayes	Repairing office furniture	10.50
	John P. Geary	Hauling water	18.75
	..do.	Drayage	6.00
	E. V. Hauser	Coal	10.60
	Addressograph Co.	Addressograph supplies	5.00
	Bingley Photo-Engraving Co.	Zincotypes	5.00
	Dyer Bros.	Erecting tower	195.00
	Standard Oil Co.	Oil	7.14
	Cape May Light and Power Co.	Electric light	4.32

396 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 4	L. C. Cover.....	Drayage, etc.....	\$5.70
—	Monahan & Steinert.....	Repairing imposing stone.....	3.50
—	Chicago Edison Co.....	Electric light.....	17.36
10	J. A. Balster.....	Shoeing horses.....	6.60
—	L. M. Tarr.....	Station expenses.....	73.95
—	E. A. Beals.....	Drayage, etc.....	8.04
—	T. S. Ourtman.....	Drayage.....	13.89
—	T. J. Considine.....	.....do.....	4.25
—	C. F. von Herrmann.....	Drayage, etc.....	17.67
—	A. G. McAdie.....	Drayage.....	.65
—	U. G. Pursell.....	Station expenses.....	3.35
—	J. Warren Smith.....	Drayage.....	13.37
—	D. Howard.....	Traveling expenses.....	11.05
—	H. C. Frankenfield.....	.....do.....	29.28
—	G. J. Gallaher.....	.....do.....	7.75
—	W. T. Lathrop.....	.....do.....	9.45
—	J. S. Plantz.....	Services.....	14.00
—	U. V. Hendrix.....	.....do.....	7.00
—	John Clarke.....	Telephone services.....	5.50
—	Central Union Telephone Co.....	.....do.....	7.50
—	Pacific States Telephone and Telegraph Co.....	.....do.....	4.50
—	Rocky Mountain Bell Telephone Co.....	.....do.....	10.50
—	The Mutual Telephone Co.....	.....do.....	11.25
—	Northwestern Telephone Exchange Co.....	.....do.....	9.00
—	New Bedford Gas and Edison Light Co.....	Electric light.....	7.88
—	New London Gas and Electric Co.....	.....do.....	4.60
—	Marblehead Municipal Light Department.....	.....do.....	5.37
—	Arizona Publishing Co.....	Printing climate and crop reports.....	66.00
—	Nashville, Chattanooga and St. Louis Rwy.....	Passenger transportation.....	4.10
—	The Fred Marcy Co. (Limited).....	Office furniture.....	25.40
—	J. K. Jacoy.....	Repairing clock.....	2.50
—	T. J. Mott, jr.....	Painting office sign.....	1.25
—	American Type Founders Co.....	Printing materials.....	11.98
—	Littlefield, Alvord & Co.....	Drayage.....	14.31
—	St. Louis Transfer Co.....	.....do.....	1.42
—	Wm. J. Crawford.....	.....do.....	.90
—	Santa Fe Central Rwy. Co.....	Freight charges.....	1.24
—	The Oregon Short Line R. R. Co.....	.....do.....	7.82
—	.....do.....	.....do.....	6.17
—	The Atchison, Topeka and Santa Fe Rwy. Co.....	.....do.....	31.17
—	Southern Rwy. Co.....	.....do.....	14.18
—	Pittsburg, Cincinnati, Chicago and St. Louis Rwy.....	.....do.....	.57
—	Louisville and Nashville R. R. Co.....	.....do.....	1.26
—	Chicago, Rock Island and Pacific Rwy. Co.....	.....do.....	1.75
—	Chicago, Burlington and Quincy Rwy. Co.....	.....do.....	6.95
—	Virginia and Truckee R. R.....	.....do.....	.88
—	Gulf, Colorado and Santa Fe Rwy. Co.....	.....do.....	1.69
—	Michigan Central R. R. Co.....	.....do.....	1.45
—	Evansville and Terre Haute R. R. Co.....	.....do.....	3.15
—	Atlantic Coast Line R. R. Co.....	.....do.....	.69
—	Grand Canyon Rwy.....	.....do.....	2.37
—	The Erie and Western Transportation Co.....	.....do.....	1.14
—	New Bedford, Marthas Vineyard and Nantucket Steamship Co.....	.....do.....	.70
—	Richmond, Fredericksburg and Potomac R. Co.....	.....do.....	.25
—	Norfolk and Western Rwy. Co.....	.....do.....	1.30
—	Boston and Maine R. R.....	.....do.....	1.89
—	Texas Central R. R. Co.....	.....do.....	1.48
—	Rome, Watertown and Ogdensburg R. R.....	.....do.....	1.56
—	Wabash R. R. Co.....	.....do.....	.56
—	Burlington Route, Missouri Lines.....	.....do.....	.40
—	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.....	.....do.....	3.20
—	W. M. Fulton.....	Station expenses.....	10.55
—	E. L. Renoe.....	.....do.....	8.75
—	A. Midgett.....	Repairing telegraph line.....	7.50
—	A. H. Glass.....	Painting instrument shelter.....	5.00
—	Hann & Adair.....	Printing annual summary.....	76.30
—	Rocky Mountain Bell Telephone Co.....	Telephone services.....	63.60
—	International Ocean Telegraph Co.....	Telegraph services.....	82.39
—	The Direct West India Cable Co. (Limited).....	.....do.....	150.00
—	Rising Sun Telegraph Line.....	.....do.....	2.60
—	Jacksonville and St. Johns Bar Telegraph Line.....	.....do.....	24.50
—	Baltimore and Ohio R. R. Co.....	.....do.....	2.70
—	A. J. Servis & Son.....	Erecting tower.....	123.70
—	J. J. Gray.....	Traveling expenses.....	2.55
—	W. T. Lathrop.....	.....do.....	6.45

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904, Feb. 10	A. H. Thiessen.....	Cleaning cells.....	\$10.70
	C. Sevilla.....	Cleaning office.....	5.00
	Richmond, substations.....	Pay roll.....	3.50
	Union Trust Co., Detroit.....	Telephone services.....	12.00
	The Chesapeake and Potomac Telephone Co.	.....do.....	5.10
	Alabama, Mississippi and Tennessee Tele- phone Co.....	.....do.....	6.25
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	Telegraph services.....	12.35
	New England Telephone and Telegraph Co.....	.....do.....	2.60
	Oregon Short Line R. R. Co.....	Passenger transportation.....	1.50
	Denver and Rio Grande R. R. Co.....	.....do.....	7.50
	Erie R. R. Co.....	.....do.....	18.00
	The Chesapeake and Ohio Rwy. Co.....	.....do.....	27.40
	Chicago and Northwestern Rwy. Co.....	.....do.....	53.67
	Union Pacific R. R. Co.....	.....do.....	30.00
	Narragansett Pier R. R. Co.....	.....do.....	4.07
	H. S. Miller.....	.....do.....	6.00
	Consumers Electrical Association.....	Installing battery.....	20.00
	G. E. Greene.....	Repairing instrument shelter.....	40.00
	W. H. Trimmer.....	Installing shelter.....	7.50
	E. H. Moorhuse.....	Map covers.....	7.50
	Gross & Lebert.....	Rubber hose.....	15.00
	Louisville and Nashville R. R. Co.....	Freight charges.....	6.42
	L. M. Sukeforth.....	.....do.....	2.20
	A. G. McAdie.....	Traveling expenses.....	5.75
	Burrell & Harmon.....	Repairing roof.....	6.98
	Lamb & Tilden.....	Rubber stamps.....	2.06
	.....do.....	.....do.....	45.90
	.....do.....	Steel figures.....	5.00
	National Electrical Supply Co.....	Lamps.....	11.85
	Southern Printers' Supply Co.....	Staples.....	62.50
	Rudolph, West & Co.....	Mops.....	12.60
	M. G. Copeland Co.....	Flags and bunting.....	1,775.00
	J. W. Jordan & Co.....	Recasting rollers.....	9.75
	M. Du Perow.....	Wire.....	21.60
	C. R. Edmonston.....	Cuspidors.....	20.38
	Treasurer of the United States.....	Blower, motor, and connections.....	788.00
13	John Moran.....	Sprinklers.....	2.00
	John C. Parker.....	Clips.....	32.40
	.....do.....	Paper.....	791.75
	.....do.....	.....do.....	25.12
	.....do.....	Pen racks.....	10.05
	.....do.....	Paper.....	78.00
	.....do.....	Ink.....	10.49
	D. F. Parker.....	Paper.....	1,700.00
	C. F. Schneider.....	Traveling expenses.....	17.31
	J. J. O'Donnell.....	.....do.....	28.75
	E. C. Thompson.....	Station expenses.....	20.99
	H. Legler.....	Washing towels.....	1.05
	R. J. Hyatt.....	Drayage.....	7.85
	O. L. Fassig.....	Station expenses.....	5.72
	W. G. Burns.....	Drayage, etc.....	12.35
	E. W. McGann.....	Station expenses.....	10.38
	Norfolk, substations.....	Pay roll.....	10.00
	New York, substations.....	.....do.....	45.00
	Lutz & Co.....	Yoke straps.....	9.00
	.....do.....	Horse blankets, etc.....	25.35
	National Electrical Supply Co.....	Wall sockets.....	5.10
	Julien P. Friez.....	Barographs, thermometers, and pens.....	150.00
	J. D. Spreckels & Bros. Co.....	Transportation.....	60.00
	Baumgardt Publishing Co.....	Printing climate and crop bulle- tins.....	13.00
	C. C. Watson.....	Repairing thermograph.....	1.50
	The Waterbury Battery Co.....	Battery recharges.....	700.00
	Cotter & Watkins.....	Repairing river gauge.....	3.00
	Barelli & Kitzredge.....	Repairing printing press.....	2.50
	R. T. F. Smith.....	Coal.....	26.55
	Hopkins & Tumbleson.....	Repairing water pipe.....	2.00
	F. Sharp.....	Files.....	6.70
	Postal Telegraph Cable Co.....	Telegraph services.....	36.45
	.....do.....	.....do.....	573.57
	Corvallis and Eastern R. R. Co.....	.....do.....	2.50
	J. C. Davis.....	Freight charges.....	3.12
18	R. J. Hyatt.....	Traveling expenses.....	9.80
	R. G. Allen.....	.....do.....	15.06
	A. G. Miley.....	Services.....	9.00
	Phillips Bros.....	Printing annual summary.....	97.00
	L. K. Edwards.....	Repairing wind vane.....	1.50

398 EXPENDITURES IN DEPARTMENT OF AGRICULTURE

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 18	J. H. Thiemeyer.....	Packing boxes.....	\$98.29
	F. Hogue.....	Repairing river gauge.....	2.50
	Heybach-Bush Co.....	Printing materials.....	2.15
	R. P. Arnold.....	Relocating instrument shelter.....	2.00
	R. Loudon.....	Installing storage battery.....	9.00
	French & Bassett.....	Stove.....	44.05
	American Type Founders Co.....	Printing materials.....	2.16
	Central Union Telephone Co.....	Telephone services.....	18.00
	Home Telephone Co.....	do.....	9.60
	Kelley Island and Sandusky Cable Co.....	Telegraph services.....	9.30
	Postal Telegraph Cable Co. of Texas.....	do.....	9.30
	Pacific States Telephone and Telegraph Co.....	do.....	9.00
	Western Union Telegraph Co.....	do.....	15,599.15
	Burlington Route, Missouri Lines.....	Freight charges.....	2.53
23	Lamb & Tilden.....	Rubber stamps.....	1.10
	do.....	Logotypes.....	176.10
	W. E. Bonnett.....	Traveling expenses.....	6.85
	S. S. Schwarn.....	do.....	23.35
	M. B. Stubbs.....	do.....	8.45
	Royal Mail Steam Packet Co.....	Office rent.....	24.00
	The Seattle Electric Co.....	Electric light.....	11.88
	Muskegon Traction and Lighting Co.....	do.....	7.50
	Elizabeth City and Norfolk Telegraph Co.....	Telegraph services.....	7.80
	Western Union Telegraph Co.....	do.....	257.92
	The Central District and Printing Telegraph Co.....	do.....	30.00
	San Pedro, Los Angeles and Salt Lake R. R. Co.....	Passenger transportation.....	22.95
	Virginia and Truckee R. R. Co.....	do.....	16.80
	Southern Rwy. Co.....	do.....	20.00
	do.....	Repairing river gauge.....	10.00
	Puget Sound Navigation Co.....	Passenger transportation.....	4.75
	Peninsular and Occidental Steamship Co.....	do.....	10.40
	Chicago, Rock Island and Pacific Rwy. Co.....	do.....	10.60
	C. C. Ranson.....	Repairing telegraph line.....	2.50
	H. R. Eley.....	do.....	2.50
	Plain Dealer Publishing Co.....	Stereotype metal.....	.80
	J. P. Friez.....	Brass castings.....	2.25
	Peter Gray & Sons.....	Repairing lanterns.....	20.00
	Iver Iverson.....	Repairing furniture.....	65.00
	E. Faber.....	Rubber bands.....	295.02
	R. M. Hull.....	Repairing typewriter.....	1.00
	R. P. Clarke Co.....	Clip boards.....	6.45
	The Oregon Short Line R. R. Co.....	Freight charges.....	25.66
	Baltimore and Ohio R. R. Co.....	Telegraph services.....	2.60
	do.....	do.....	2.60
	do.....	do.....	2.50
	do.....	do.....	2.50
	Central R. R. Co. of New Jersey.....	Passenger transportation.....	6.50
	W. T. Jarvis.....	Horse hire.....	1.50
	L. S. Woodhouse.....	do.....	2.00
	Western Union Telegraph Co.....	Repairing telegraph line.....	3.10
	Philip Lindemeyer.....	Rollers.....	36.00
	C. W. Rogg Co.....	Demijohn.....	1.00
	Pacific Metal Works.....	Stereotype metal.....	8.00
	The Arkansas Democrat Co.....	Ink and mucilage.....	6.00
	Standard House Furnishing Co.....	Bookcase.....	19.80
	J. H. Bunnell & Co.....	Battery brushes.....	4.75
	Mineralized Rubber Co.....	Rubber hose.....	18.50
	do.....	do.....	18.50
	C. B. Lebkicher.....	Mounting map.....	3.50
	Barnhart Bros. & Spindler.....	Repairing printing press.....	5.40
	Meteorological Council.....	Compiling telegrams.....	11.19
	Chapin & Simpson.....	Hauling tile.....	14.00
	F. F. Bossuot.....	Door shelter.....	1.05
	Clark & Davenport.....	Rugs and linoleum.....	94.87
	do.....	Rugs.....	54.00
	Delaware and Hudson Co.....	Freight charges.....	2.63
29	R. A. Moffatt.....	Traveling expenses.....	8.10
	S. C. Calvert.....	do.....	11.55
	G. E. Turner.....	do.....	8.50
	A. B. Aymard.....	do.....	12.95
	F. M. Taylor.....	Instrument shelter.....	1.00
	Barlow & Bros.....	Binding maps.....	2.25
	J. Campbell.....	Washing towels.....	2.25
	C. C. Watson.....	Repairing clock.....	1.00
	John Kitchen, jr., Co.....	Binding charts.....	5.00
	J. J. Lawler & Co.....	Steam radiator.....	45.00
	Carter, Rice & Co. Corporation.....	Paper.....	596.79

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Feb. 29	The Lake Shore and Michigan Southern Rwy. Co.	Passenger transportation.....	\$22.00
	Cumberland Telephone and Telegraph Co....	Telephone services.....	2.60
	Carmelo Sevilla.....	Services.....	5.00
	M. A. Robinson.....	Subsistence.....	41.46
	W. A. R. Rawle.....	Station expenses.....	2.96
	Western Union Telegraph Co.....	Telegraph services.....	15,248.12
	International Ocean Telegraph Co.....	do.....	92.05
	West India and Panama Telegraph Co. (Limited).	do.....	1,354.10
	Union Pacific R. R. Co.....	Freight charges.....	1.65
	Louisville and Nashville R. R. Co.....	do.....	15.05
	Central Vermont Rwy. Co.....	do.....	.57
	St. Louis and San Francisco R. R. Co.....	do.....	6.56
	do.....	do.....	2.04
	Pennsylvania R. R. Co.....	do.....	14.43
	A. W. Shilling.....	Traveling expenses.....	11.25
	F. J. Walz.....	do.....	143.21
	W. S. Belden.....	Station expenses.....	7.95
	H. F. Barnett.....	Rent of ground.....	7.00
	Hoke Engraving Plate Co.....	Recoating base plates.....	117.17
	do.....	do.....	262.50
	do.....	do.....	300.00
	Keuffel & Esser Co.....	Drawing tables.....	33.00
	Walter Talbott.....	Dust brush, etc.....	6.25
	Fox Typewriter Co.....	Typewriter stand.....	3.75
	Geo. De No Co.....	Shelves in office.....	20.58
	A. L. Shipman's Sons.....	Files.....	80.40
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	Freight charges.....	1.15
	Florida East Coast Rwy. Co.....	do.....	13.11
	Chicago and Northwestern Rwy. Co.....	do.....	3.68
	do.....	do.....	3.94
	E. C. Hobbs.....	Traveling expenses.....	24.32
	Chas. Dill.....	do.....	6.90
	L. G. Sutton.....	do.....	6.00
	A. H. Thiessen.....	do.....	63.25
	do.....	do.....	51.50
	C. M. Strong.....	do.....	77.60
	W. C. Devereaux.....	do.....	36.35
	W. E. Bonnett.....	do.....	47.70
	Cutrell & Leffingwell.....	Transportation of employees, etc.....	75.00
	Flint & Walling Manufacturing Co.....	Storm-warning tower, etc.....	68.45
	Wm. T. Wood & Co.....	Ice augers, etc.....	18.25
	Crowley Electric Co.....	Repairing electric-light fixtures.....	7.30
	Tarbett-Phemister Co.....	Repairing printing press.....	2.03
	Northwestern Fuel Co.....	Coal.....	120.13
	Carter Rice & Co. Corporation.....	Cardboard.....	62.50
	Inland Type Foundry.....	Printing supplies.....	4.59
	Raymond Gutowski.....	Coal.....	39.18
	Marthas Vineyard Telegraph Co.....	Telegraph services.....	50.53
	Baltimore and Ohio R. R. Co.....	do.....	3.00
	Ocean Towboat Line.....	do.....	14.00
	James B. Lambie Co. (Incorporated).....	Picture wire.....	2.62
	do.....	Tools.....	8.58
	do.....	Cotton rope.....	5.00
	do.....	Cotton waste, brooms, etc.....	91.77
	Rudolph, West & Co.....	Copper tacks.....	5.63
	do.....	Brushes, nails, etc.....	58.77
	Geo. F. Muth & Co.....	Lamp brackets, etc.....	4.05
	do.....	Brushes, oil, lye, etc.....	108.98
	M. Du Perow.....	Fuse holders.....	1.00
	W. B. Moses & Sons.....	Door mats.....	28.08
	Hugh Reilly.....	Paint.....	6.00
	Adams Express Co.....	Express charges.....	49.70
	James Berry.....	Traveling expenses.....	80.95
	John C. Parker.....	Bookcase.....	17.80
	do.....	Paper.....	767.73
	do.....	Ink pads.....	4.00
	D. Frank Parker.....	Pens, pads, ribbons and varnish.....	280.46
	R. P. Andrews & Co. (Incorporated).....	Paper clips.....	7.99
	Edward Mullin.....	Rags.....	14.00
	J. C. Entwistle.....	Engraving rain chart.....	10.00
	F. A. Schmidt.....	Ink.....	10.50
	do.....	Pens.....	7.50
	do.....	Paper.....	6.60
	American Writing Machine Co.....	Rain gauges.....	307.00
	do.....	Typewriter stand.....	48.00
	do.....	Typewriters.....	139.50
	R. Carter Ballantyne.....	Envelopes.....	27.00

400 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 29	Southern Printers' Supply Co.	Set screw	80.35
	Thos. Somerville & Sons	Duplicating rollers	20.16
	Remington Typewriter Co.	Typewriter ribbons	52.30
	J. W. Taylor	Roller stretcher	7.00
	H. J. Green	Thermometers	1,000.00
	J. P. Friez	Rain gages	562.50
	The Great Northwestern Telegraph Co. of Canada	Telegraph services	149.21
	W. Bement	Wall molding	15.68
	Yawman Erbe Manufacturing Co	File case	50.00
	E. G. Washburn & Co	Weather vane	13.50
	Peter Gray & Sons	Storm-warning lanterns	150.00
	James Hayden, administrator of E. Hayden, deceased	Drayage	2.15
Mar. 7	B. F. Larcombe et al.	Pay roll, printing office	2,488.75
	United States Express Co	Express charges	33.75
	Adams Express Co	do	6.35
	Laura M. Dey	Traveling expenses	15.10
	W. U. Simons	do	2.25
	W. G. Wilson	do	7.40
	E. G. Colvin	do	13.90
	A. F. Sims	do	25.30
	T. B. Jennings	Drayage, etc	5.65
	G. A. Loveland	Station expenses	6.88
	B. J. Sherry	Car fare	1.85
	Southern Bell Telephone and Telegraph Co	Telephone services	7.50
	North Montana Telephone Co	do	15.00
	Rocky Mountain Bell Telephone Co	do	22.25
	International Ocean Telegraph Co	Telegraph services	159.84
	New York Central and Hudson River R. R. Co	Passenger transportation	1.10
	Norfolk and Washington, D. C., Steamboat Co	do	15.20
	Chicago and Northwestern Rwy. Co	do	8.09
	Seaboard Air Line Rwy	do	5.15
	Missouri, Kansas and Texas Rwy. Co	do	10.95
	Northern Pacific Rwy. Co	do	36.80
	Vicente Gonzales	Office rent	40.00
	do	do	40.00
	Oscar Howard	Repairing telegraph line	2.00
	Joe Sly	do	2.00
	George Beesley	do	2.00
	C. C. Ranson	do	2.50
	F. Smith	Horse hire	1.00
	H. A. Poole	do	5.00
	O. W. Bye	do	3.00
	do	Repairing telegraph line	2.00
	Philip Lindemeyer	Paste	174.20
	Addressograph Co	Addressograph	44.85
	Chas. Eneu Johnson & Co	Ink	88.50
	Southern Rwy. Co	Freight charges	9.72
	Postal Telegraph Cable Co	Telegraph services	630.73
	R. A. Inman	Services	9.00
	The Hanson & Van Winkle Co	Lacquer	4.00
	Carey Machinery and Supply Co	Trueing device	4.50
	B. P. Clapp Ammonia Co	Ammonia	10.53
	Inland Type Foundry	Leads	10.70
	H. E. Ney	Painting instrument shelter	1.00
	W. M. Perry Electric Co	Connections for droplight	1.00
	F. F. Bossuot	Constructing board walk	33.60
	S. B. Haffner	Repairing barometer box, etc .....	.60
	The Port Royal Dock Co	Coal	7.50
11	H. A. McNally	Traveling expenses	50.95
	Chas. Stewart	Rewiring cable	4.00
	M. A. Robinson	Subsistence	25.50
	Crowdus Bros. & Co	Coal	45.00
	E. L. Renoe	Office rent	100.00
	New York Telephone Co	Telephone services	9.85
	New England Telephone and Telegraph Co	Telegraph services	2.50
	Pacific States Telephone and Telegraph Co	do	15.10
	Alabama, Mississippi and Tennessee Tele- phone Co	do	6.00
	The Direct West India Cable Co. (Limited)	do	152.52
	H. S. Crocker Co	Printing annual summary	225.00
	Phillips, Smith & Van Orden (Incorporated)	Printing climate and crop reports	45.00
	The Pennsylvania R. R. Co	Passenger transportation	13.80
	Atlantic Coast Line R. R. Co	do	26.40
	D. Stormont	Repairing telegraph line	30.00
	R. Peacon	Oil and gasoline	11.55
	J. S. Walker	Electrotype metal	3.32
	C. A. Brunold	Repairing water tank	2.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	J. S. Walker	Incandescent lamps	\$1.25
	A. Midgett	Services and horse hire	2.50
	Philip Lindemeyr	Printer's blanks	27.00
	O'Callaghan, Nelson & Co.	Freight charges	3.25
	A. S. Gardiner	Repairing typewriter	2.25
	Holbrook, Merrill & Stetson	Covers	4.37
	The J. M. Klein Electrical Works	Station supplies	8.50
	Umsadtter-Meyer Co.	Repairing chair	1.00
	Crooker Mantel and Tile Co.	Chandelier	15.50
	Pacific States Type Foundry	Type	2.50
	Peter Gray & Sons	Lanterns	24.30
	Atlantic Coast Line R. R. Co.	Freight charges	36.89
	do.	do.	.90
	Illinois Central R. R. Co.	do.	.21
	do.	do.	.28
	do.	do.	.73
	do.	do.	.27
	do.	do.	.22
	Chicago, Peoria and St. Louis Rwy. Co. of Illinois	do.	.71
	C. H. Mallory	do.	2.73
	Michigan Central R. R. Co.	do.	1.02
	Chesapeake and Ohio Rwy. Co.	do.	2.80
	New York Central and Hudson River R. R. Co.	do.	4.94
	New York and Porto Rico Steamship Co.	do.	4.56
	Chicago and Northwestern Rwy. Co.	do.	24.68
	Nashville, Chattanooga and St. Louis Rwy. Co.	do.	.83
	Norfolk and Washington Steamboat Co.	do.	2.65
	The Denver and Rio Grande R. R. Co.	do.	1.44
	North Shore R. R. Co.	do.	2.27
	W. R. Morton	Drayage	2.52
	St. Louis Transfer Co.	do.	1.92
	W. P. Stewart	Traveling expenses	4.25
	E. H. Thompson	do.	30.00
	James Rees	Painting instrument shelter	3.50
	C. C. Ball	Coal	43.00
	S. C. Glass	Varnishing furniture	13.00
	Doerr, Mitchell & Co.	Running wires, etc.	7.60
15	F. H. Bigelow	Traveling expenses	10.82
	G. H. Bliss	do.	9.55
	F. P. Chaffee	do.	15.56
	H. B. Hersey	do.	235.15
	B. J. Sherry	do.	4.25
	W. T. Blythe	Printing annual summary	80.00
	J. J. Gray	Express charges	7.05
	C. H. Medlock	Drayage	3.00
	E. W. Paget	Running levels	10.00
	Summers Printing Co.	Printing annual summary	94.50
	C. V. Harris	Horse hire	2.00
	Queen & Co. (Incorporated)	Measuring sticks	90.00
	G. E. French & Co.	Silver sand	3.00
	C. E. Wood	Repairing instrument shelter	1.00
	Delaware and Atlantic Telegraph and Telephone Co.	Telephone services	12.00
	J. A. Brasher Co. (Limited)	Triple ocular	5.00
	Mineralized Rubber Co.	Rubber hose	2.31
	New Orleans and Northeastern R. R. Co.	Freight charges	.78
	do.	do.	.98
	J. W. Jordan & Co.	Recasting rollers	2.88
	M. W. Hayes	Traveling expenses	28.25
18	F. W. Fischer	do.	6.05
	W. S. Belden	do.	16.40
	New York, substations	Pay roll	45.00
	United States Envelope Co.	Envelopes	47.03
	do.	do.	711.96
	Campbell Printing Press Manufacturing Co.	Parts of printing press	38.35
	do.	do.	100.96
	John Jordt	Wardrobe, etc.	19.00
	P. D. Holmes	Repairing telegraph line	2.50
	R. C. Goodrich	Repairing river gage	2.50
	Mineralized Rubber Co.	Rubber hose	13.87
	do.	do.	9.25
	H. H. Hays Sons	Electrotype, etc.	1.75
	Western Union Telegraph Co.	Constructing loop	113.18
	Consolidated Electric Light Co. of Maine	Installing storage battery	16.94
	L. A. Greaux	Repairing clock	1.50
	E. P. Hayer	Printing annual summary	72.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 18	Porter Burnham Co.	Repairing storage battery.	\$4.47
	Des Moines Edison Light Co.	Materials for storage battery.	11.45
	Hayre Commercial Co.	Brooms.	1.50
	J. P. Nawrath.	Paper.	38.00
	H. R. Eley.	Repairing telegraph line.	2.50
	Philip Lindemeyr.	Tissue paper.	2.25
	Richard Fysh.	Cleaning clock.	1.00
	Southern Scale and Fixture Co.	Water cooler and stand.	12.75
	C. C. Ranson.	Repairing telegraph line.	2.50
	McQuiddy Printing Co.	Printing annual summary.	59.00
	Pacific Electric Co.	Installing storage battery.	12.75
	H. S. Sullivan.	do.	7.50
	Howe, Davis & Kilham.	Binding charts.	24.00
	Lumsden Brothers.	Repairing rain gage.	5.00
	Edwards & Broughton.	Printing annual summary.	42.60
	Addressograph Co.	Type and logotype.	216.56
	S. J. Yarger.	Stapling-machine blades.	.90
	Valley Paper Co.	Paper.	165.00
	C. C. Furniture Co.	Mirror.	6.00
	Texas Printers' Supply Co.	Type.	12.15
	J. H. Thiemeyer.	Packing boxes.	51.00
	Adams Express Co.	Express charges.	8.41
	Central District and Printing Telegraph Co.	Telegraph services.	22.80
	Great Northwestern Telegraph Co. of Canada.	do.	119.85
	Home Telephone Co.	do.	7.20
	Corvallis and Eastern R. R. Co.	do.	2.40
	Western Union Telegraph Co.	do.	15,354.71
	Chesapeake and Ohio Rwy. Co.	Freight charges.	13.45
	San Antonio and Aransas Pass Rwy. Co.	do.	6.99
	Chicago and Alton Rwy. Co.	do.	.75
	New York, New Haven and Hartford R. R. Co.	do.	.45
	W. J. Crawford.	Drayage.	1.80
	Minneapolis, St. Paul and Sault Ste Marie Rwy. Co.	Telegraph services.	10.10
	Rising Sun Telegraph Line.	do.	2.60
	Elizabeth City and Norfolk Telegraph Co.	do.	4.90
	Philadelphia, Reading and Pottsville Telegraph Co.	do.	.37
	Georgia R. R.	Passenger transportation.	3.75
	Illinois Central R. R. Co.	do.	20.25
	Southern Rwy. Co.	do.	1.75
	The Western Rwy. of Alabama.	do.	5.25
	W. A. Mitchell.	Express charges.	6.85
	T. F. Townsend.	do.	2.50
	The Atlantic Electric Light and Power Co.	Electric light.	28.56
	Queen & Co. (Incorporated).	Mercurial contacts.	77.50
	Henry Duhl.	Painting.	22.00
	Baumgardt Publishing Co.	Printing.	16.25
	M. Krammer.	Cleaning clock.	1.25
	John Sands.	Repairing telegraph lines.	3.00
	H. A. Poole.	do.	4.50
	John Jackson.	do.	2.00
	Chamberlain & Taylor.	Copy holder.	2.75
	G. W. Taylor & Co.	Stove coal.	18.00
	Crocker, Wheeler Co.	Gage brushes.	1.60
	Amarillo Water, Light and Power Co.	Electric globe.	3.00
	American Ice Co.	Coal.	21.30
	W. F. Hooper.	Taking up cable.	25.00
	Duluth, South Shore and Atlantic Rwy. Co.	Freight charges.	1.00
	New Bedford, Martha's Vineyard and Nantucket Steamboat Co.	do.	.70
	E. H. Hughes.	Traveling expenses.	2.50
	J. A. Barwick.	do.	13.75
	H. E. Hobbs.	do.	7.95
	C. E. Johnson.	Postal money orders.	.83
	E. Hayte.	Repairing telegraph line.	4.00
	W. Irving.	do.	2.00
	Western Union Telegraph Co.	do.	3.70
	McEwer & Lauer.	Wood.	22.81
	The Waterbury Battery Co.	Cells.	22.50
	Lindstrom & Berg.	File cases.	65.00
	Geo. Back.	Repairing instrument shelter.	3.00
	W. S. Jenks.	Thermograph covers.	18.00
	Addressograph Co.	Setting case, etc.	1.60
	W. T. Wood & Co.	Ice augurs, etc.	42.00
	J. F. Schopf.	Repairing instruments.	10.00
	U. B. Dedge.	Repairing storm-warning tower.	22.00
	Yates & Co.	Coal oil.	9.28

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 23	New York Laundry Works (Incorporated)	Towel supply	\$6.00
	H. E. Chesnutt	Wheelbarrow	2.85
	F. W. Baily	Erecting river gauge	5.00
	H. H. Hodgson	Repairing typewriter	.80
	W. O. Stubbs	do	6.00
	National Lead Co.	Stereotype metal	5.33
	Pacific States Telephone and Telegraph Co.	Telegraph services	7.20
	West India and Panama Telegraph Co. (Limited)	do	.90
	Washington Southern Rwy.	Freight charges	1.29
	Chesapeake and Ohio Rwy. Co.	do	3.38
	do	do	2.54
	Southern Rwy. Co.	do	17.59
	New York Central and Hudson River R. R. Co.	do	2.92
	Illinois Central R. R. Co.	do	.34
	New York, New Haven and Hartford R. R. Co.	do	4.11
	Nashville, Chattanooga and St. Louis Rwy. Co.	do	1.13
	The Denver and Rio Grande R. R. Co.	do	2.55
	Pacific Coast Steamship Co.	do	.60
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	1.71
	Chicago, Burlington and Quincy Rwy. Co.	do	.90
	Washington County R. R. Co.	do	1.99
	Boston and Maine R. R. Co.	do	.72
	Pennsylvania Co.	do	.37
	J. H. Kimball	Traveling expenses	15.75
	A. Brand	Drayage, etc.	5.00
	F. F. Bossnot	Supports for sunshine recorder	2.50
	R. D. Noe	Installing waste valve	10.00
	Addressograph Co.	Addressograph parts	4.75
	L. Link	Wood	13.20
	J. F. Howison	Repairing typewriter	5.00
	Union Pacific R. R. Co.	Freight charges	18.56
	Forsberg and Murray	Repairs to engine, etc.	84.00
	do	Fire hose	10.00
	Lamb & Tilden	Rubber stamps	1.12
	do	do	1.10
	American Writing Machine Co.	Repairing typewriter	31.40
	do	Platen	3.17
	Estate of John C. Parker	Paper, letter presses, etc.	393.40
	do	Bookcase	17.80
	J. E. Turton	Instrument shelters	729.00
	The J. C. Ergood Co.	Corn starch	1.44
	John Moran	Sprinklers	3.00
	W. B. Moses & Sons	Rugs	127.20
	J. Baumgarten & Sons	Stamps	4.50
	Standard Oil Co.	Oil	8.10
	W. H. Rupp Co.	Ink	41.58
	G. W. Millar & Co.	Paper	105.00
	Wm. Ballantyne & Sons	Dictionaries	48.25
	E. Morrison Paper Co.	Pasteboard jackets	6.00
	E. P. Andrews & Co. (Incorporated)	Cardboard	6.50
	E. G. Schafer & Co.	Hose bibbs	2.50
	C. A. Muddiman & Co.	Hanging lamp	5.50
	R. Carter Ballantyne	Record books and paper	50.74
	Sutherland & Carr	Iron weights	7.20
	The Maurice Joyce Engraving Co.	Photo engraving plates	78.93
	do	do	11.48
	Library Bureau	Cards	3.15
	John Hansen	Repairing clock	4.50
	J. G. Smith	Penholders	18.00
	Clark & Davenport	Linoleum	9.24
	United States Express Co.	Express charges	6.40
	Remington Typewriter Co.	Repairing typewriter	13.35
	do	Typewriter ribbons	1.43
	The Smith Premier Typewriter Co.	Typewriter, etc.	92.25
	do	Repairing typewriter	20.60
	James B. Lambie Co. (Incorporated)	Lock, etc.	1.48
	do	Drop handles	4.25
	do	Belt lacing	3.50
	do	Oil can	.80
	do	Vice	7.50
	do	Drill	1.15
	do	Shelf blocks	2.00
	Woodward & Lothrop	Desk	31.55
	do	Towels	457.50

404 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 23	Paul De Graw	Subsistence and rent of rooms	\$80.00
	H. L. Smith	Oil	3.00
	Marthas Vineyard Telegraph Co	Telegraph services	48.62
	W. M. Wilson	Station expenses	15.65
	Cutrell & Leffingwell	Transportation of employees, etc.	50.00
	H. H. McNeil	Printing annual summary, etc	95.00
	R. D. Noe	Installing electric-light fixtures	40.00
	C. B. Scott	Coal	60.00
	G. E. Lawton	Traveling expenses	11.25
	H. W. Grasse	Electric light and drayage	4.00
	A. Zappone	Traveling expenses	3.80
	E. H. Nimmo	Station expenses	2.50
	A. A. Finck	Printing annual summary	47.70
	A. H. Thiessen	Traveling expenses	79.30
31	John Driscow	do	2.25
	G. E. Franklin	Station expenses	12.75
	R. Carter Ballantyne	Pens and pencils	204.14
	Estate of John C. Parker	Paper, erasers, etc	404.37
	The Friedenwald Co.	Paper	760.80
	Citizens Bank of Norfolk, Va	Office rent	131.25
	C. M. Beeson	do	88.91
	Conrad National Bank	do	67.50
	Law Building Co.	do	62.50
	Frank Leddy, agent Mally Building	do	150.00
	Estate of S. Marks & Co.	do	84.75
	Bank of Tehama County	do	99.06
	Consolidated Improvement Co.	do	165.00
	T. B. Catron	do	105.00
	Taylor National Bank	do	143.75
	Edgar Harding	do	85.00
	Jose Valenti	do	75.00
	D. Hope Ross	do	72.00
	Adam Geiger	do	60.00
	Walla Walla Lodge, No. 56, I. O. O. F.	do	84.87
	A. J. Knight	do	82.19
	Marquette County Savings Bank	do	90.00
	Dent & Butler	do	105.00
	Tacoma Chamber of Commerce and Board of Trade	do	75.00
	F. E. Warren Mercantile Co.	do	155.00
	Loan and Exchange Bank of South Carolina	do	150.00
	The Farmer's National Bank of Fresno	do	94.50
	International Ocean Telegraph Co.	Telegraph services	211.53
	Dunn & Lemmon	Printing annual summary	50.00
	Texas and Pacific Rwy. Co.	Freight charges	20.79
	W. B. Moses & Sons	Desk	11.00
	Rudolph, West & Co.	Sash chain, bolts, etc	31.28
	W. H. Dyer	Sawdust	1.75
	C. R. Edmonston	Cuspidors	2.70
	Clark & Davenport	Carpet	39.84
	Mackall Bros.	Corks	5.37
	Delano & Moore	Film packs, etc.	6.67
	Woodward & Lothrop	Rug	30.00
	John Moran	Cesspool .....	.75
	Forsberg & Murray	Repairing engine	13.00
	Barber & Ross	Iron, glue, etc	34.93
	Geo. F. Muth & Co.	Paper	10.00
	do	Oil	15.75
	Telephone Co. of South Jersey	Telephone services	5.00
	South Carolina Long Distance Telephone Co.	do	10.00
	The Southern New England Telephone Co.	do	36.00
	Santa Fe Electric Telephone Co.	do	6.00
	Pacific States Telephone and Telegraph Co.	do	9.00
	Bell Telephone Co.	do	29.50
	J. C. Entwistle	Engraving chart	10.00
	Hammatt Contracting Co.	Erecting storm-warning tower	82.00
	L. C. Hall	Repairing telegraph line	2.50
	L. H. Jones	Recasting rollers	2.70
	Delano & Moore	Plates	8.22
	S. A. Bristol	Binding weather map	4.00
	The Port Royal Dock Co.	Coal	14.00
	United States Mailing Case Co.	Mailing cases	30.00
	Standard Oil Co.	Gasoline	20.35
	West Virginia Central and Pittsburg Rwy. Co.	Passenger transportation	3.40
	Lehigh Valley R. R. Co.	do	3.00
	Washington Southern Rwy. Co.	do	8.30
	New Orleans and Northeastern R. R. Co.	do	9.75
	Seaboard Air Line Rwy.	do	15.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904.—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 31	Galveston, Houston and Northern Rwy. Co.	Passenger transportation.....	\$12.30
	Cincinnati, Hamilton and Dayton Rwy. Co.	.....do.....	23.35
	The Pennsylvania R. R. Co.	.....do.....	36.50
	F. Jermin	Traveling expenses.....	8.25
	W. S. Palmer	.....do.....	4.00
	A. Zappone	.....do.....	33.95
	Joseph Brown	.....do.....	8.50
	Southern Bell Telephone and Telegraph Co.	Telephone services.....	9.00
	American Type Founders Co.	Glue, etc.....	7.52
	J. Leeds	Painting sign.....	3.00
	J. J. Freeman & Co.	Cleaning thermograph clock.....	2.50
	Addressograph Co.	Logotype.....	3.04
	C. A. Blummer	Cleaning office.....	15.00
	John Turnbull, jr., & Co.	Bookcase.....	27.00
	Standard Oil Co.	Oil.....	12.50
	Pennsylvania Telephone Co.	Telephone services.....	18.00
	.....do.....	.....do.....	8.25
	A. L. Crumpton	Washing towels.....	.75
	O. Howard	Repairing telegraph line.....	5.00
	Julien P. Friez	Anemometer supports.....	9.00
	Tampa Electric Co.	Electric light.....	3.00
	Pacific States Telephone and Telegraph Co.	Telegraph services.....	16.40
	Carmelo Sevilla	Cleaning office.....	5.00
	Statesman Printing Co.	Printing annual summary.....	44.00
	Ocean Tow Boat Line	Telegraph services.....	8.00
	The Denver and Rio Grande R. R. Co.	Freight charges.....	2.47
	C. H. Mallory & Co.	.....do.....	2.32
	C. M. Coffin	Repairing telegraph line.....	12.00
	Western Union Telegraph Co.	.....do.....	6.95
	Thompson Lithographing and Printing Co.	Printing annual summary.....	110.00
	A. H. Revell & Co.	Repairing desk.....	1.50
	C. M. Letts	Cleaning carpet.....	8.55
	Bingley Photo Engraving Co.	Printing materials.....	2.50
	James B. Lambie Co. (Incorporated)	Soldering set.....	1.00
	American Type Founders Co.	Printing materials.....	7.19
	Yates & Co.	Benzine.....	1.05
	American Type Founders Co.	Packages copper spaces.....	1.50
	Oklahoma Ice and Brewing Co.	Ice.....	3.20
	James Milton	Installing sewer system.....	116.00
	Barnhart Bros. & Spindler	Type.....	3.76
	Sydnor & Hundley	File case.....	20.00
	Lynchburg Telephone Co.	Telephone services.....	3.00
	Union Trust Co., Detroit	.....do.....	15.00
	Southern Bell Telephone and Telegraph Co.	.....do.....	21.00
	G. L. Lovett	Office rent.....	105.00
	Paine Bros.	.....do.....	77.70
	Peter Sonna	.....do.....	120.00
	Fremont Lumber Co.	.....do.....	87.75
	Orson, Adams, jr.	.....do.....	120.00
	Prudential Building Co.	.....do.....	170.00
	Postal Telegraph Cable Co. of Texas	Telegraph services.....	1.00
	West Virginia Western Telephone Co.	Telephone services.....	.30
	.....do.....	.....do.....	4.50
	Western Union Telegraph Co.	Telegraph services.....	221.62
	Great Northern Rwy. Co.	Freight charges.....	67.27
	Chicago, Burlington and Quincy Rwy. Co.	.....do.....	1.64
	B. F. Larcombe et al.	Pay roll, printing office.....	2,643.32
	Total third quarter.....		138,130.75
Apr. 8	New Haven, substations	Pay roll.....	48.00
	Pensacola, substations	.....do.....	36.00
	R. J. McMaster	Services.....	15.00
	C. M. Strong	Express charges.....	4.45
	E. L. Wells	.....do.....	1.00
	L. C. Cover	Drayage, etc.....	5.66
	N. R. Taylor	Drayage.....	2.75
	J. R. Williams	Changing roof equipment.....	22.75
	H. C. Bate	Drayage, etc.....	3.42
	E. M. Minehart	Traveling expenses.....	4.50
	L. H. Murdoch	.....do.....	18.25
	E. J. Phelps	Ink and mucilage.....	7.25
	Fred Wimhurst	Painting instrument shelter.....	10.00
	H. S. Hudgins	Painting office sign.....	10.00
	W. H. Myer & Co.	Painting instrument shelter.....	15.00
	Geo. W. Taylor & Co.	Coal.....	21.80
	C. P. Carlin	Making connections with tank.....	25.00
	American News Co.	Miscellaneous supplies.....	57.07
	Stoll & Thayer Co.	Rubber type.....	30.00
	W. H. Bond	Repairing water pipes.....	12.00

406 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 8	Delano & Moore.....	Cameras, etc.....	\$157.39
	O. I. Mairs.....	Office rent.....	90.00
	J. B. Smith.....	do.....	75.00
	W. H. Dann.....	do.....	72.00
	Bell Telephone Co. of Buffalo.....	Telephone services.....	15.00
	Rocky Mountain Bell Telephone Co.....	do.....	9.00
	Southern States Telephone Co.....	do.....	9.50
	Atlantic Coast Line R. R. Co.....	Passenger transportation.....	10.10
	Portland and Rumford Falls Rwy.....	Freight charges.....	1.05
	Detroit and Mackinac Rwy. Co.....	do.....	9.33
	Southern Rwy. Co.....	do.....	3.26
	Town of New Shoreham.....	do.....	2.40
	Louisville and Nashville R. R. Co.....	do.....	2.91
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	do.....	1.71
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	12.92
	C. H. Mallory & Co.....	do.....	10.64
	B. L. Waldron.....	Traveling expenses.....	7.15
	W. W. Carlisle.....	do.....	14.25
	L. C. Fisher.....	do.....	29.85
	J. A. Balster.....	Shoeing horses, etc.....	6.60
	W. T. Blythe.....	Express charges.....	10.46
	W. L. Day.....	Drayage, etc.....	1.22
	C. C. Garrett.....	Washing towels.....	3.00
	J. H. Smith.....	Station expenses.....	7.75
	M. A. Butler.....	Telephone services.....	1.40
	A. W. Kenzie.....	Office rent.....	75.00
	Chicago Auditorium Association.....	do.....	437.50
	American Surety Co. of New York.....	do.....	875.00
	T. M. Jeffris & Co.....	do.....	125.00
	Michigan Trust Co. Building.....	do.....	350.00
	A. L. Cook.....	do.....	90.00
	Yale Hicks, agent.....	do.....	120.00
	Bank of Wytheville, Va.....	do.....	100.00
	Wytheville Telephone Co.....	Telephone services.....	3.75
	Independent Telephone Co.....	do.....	7.00
	The Keystone Telephone Co. of Philadelphia.....	do.....	20.00
	The Bell Telephone Co. of Philadelphia.....	do.....	17.25
	New York Telephone Co.....	do.....	60.00
	Central Union Telephone Co.....	do.....	18.00
	New Telephone Co.....	do.....	10.00
	The Great Western Publishing Co.....	Printing annual summary.....	68.00
	Indianapolis Light and Power Co.....	Electric current.....	18.00
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	Telegraph services.....	9.66
	Southern Bell Telephone and Telegraph Co.....	do.....	7.50
	Northern Electrical Co.....	Drop lights.....	8.60
	Barnhart Bros. & Spindler.....	Printing supplies.....	5.71
	Raymond Electrical Co.....	Electric motor.....	2.00
	The Consumers Co.....	Ice.....	5.00
	H. M. Caswell.....	Installing electric light.....	1.50
	Bendernagel & Co.....	Recasting rollers.....	4.00
	W. H. Hoskins Co.....	Binding pads.....	5.00
	Southern Bell Telephone and Telegraph Co.....	Telephone services.....	12.00
	W. S. Rowe.....	do.....	3.00
	The Southwestern Telegraph and Telephone Co.....	do.....	15.00
	The Colorado Telephone Co.....	do.....	12.00
	Kalispell Water and Electric Co.....	do.....	12.00
	Mississippi Valley Telephone Co.....	do.....	6.00
	Pacific States Telephone and Telegraph Co.....	do.....	9.00
	Rocky Mountain Bell Telephone Co.....	do.....	15.00
	Southern Bell Telephone and Telegraph Co.....	do.....	3.00
	Larned Telephone Co.....	do.....	3.00
	Idaho Independent Telephone Co.....	do.....	12.00
	Rocky Mountain Bell Telephone Co.....	do.....	8.25
	The Inland Telephone and Telegraph Co.....	do.....	9.00
	Wichita Independent Telephone Co.....	do.....	7.50
	The Toledo Home Telephone Co.....	do.....	16.00
	Snickersville Telephone Co.....	do.....	7.17
	Sunset Telephone and Telegraph Co.....	do.....	6.00
	Consolidated Telephone Co.....	do.....	5.00
	The Southwestern Telegraph and Telephone Co.....	do.....	7.50
	The San Antonio Telephone Co.....	do.....	7.50
	San Antonio Gas and Electric Co.....	Electric light.....	3.12
	F. L. Knight.....	Washing towels.....	1.51
	A. Klein.....	do.....	2.00
	Joe Campbell.....	do.....	2.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 8	I. W. Appleton.....	Repairing telegraph line.....	\$14.00
	Lone Star Ice Co.....	Ice.....	4.55
	G. Rivenburg.....	do.....	2.73
	P. A. F. Walter, postmaster.....	Rent of post-office box.....	1.50
	E. L. Tyrrell.....	Repairing clock.....	2.00
	Babbitt Bros.....	Ink and mucilage.....	3.00
	C. E. Lewis.....	Repairing instrument shelter.....	3.00
	J. S. Craig.....	do.....	1.00
	L. M. Arey.....	Repairing clock.....	3.00
	W. M. Small.....	Parts for tower.....	7.10
	Standard Oil Co.....	Oil.....	4.25
	W. A. Coble.....	Surveying levels.....	10.00
	Alexander Yost Co.....	Wireless telegraph supplies.....	6.35
	C. S. Stephens.....	Taking observations.....	3.75
	St. Louis Printers' Supply Co.....	Printing materials.....	105.31
	Hoke Engraving Plate Co.....	Recoating base plates.....	121.26
	do.....	do.....	212.50
	Washington Southern Rwy. Co.....	Freight charges.....	.93
	do.....	do.....	1.38
	do.....	do.....	1.11
	do.....	do.....	1.13
	Michigan Central R. R. Co.....	do.....	1.76
	do.....	do.....	2.93
	Wabash R. R. Co.....	do.....	3.89
	Baltimore and Ohio R. R. Co.....	do.....	6.34
	Texas-Mexican Rwy. Co.....	do.....	3.03
	Maine Central R. R. Co.....	do.....	.30
	Baltimore and Ohio Southwestern R. R. Co.....	do.....	3.55
	Galveston, Harrisburg and San Antonio Rwy. Co.....	do.....	1.90
	Chesapeake and Ohio Rwy. Co.....	do.....	1.51
	Town of New Shoreham.....	do.....	2.82
	Grand Rapids and Indiana Rwy. Co.....	do.....	1.17
	O'Callaghan, Nelson & Co.....	do.....	.75
	Narragansett Pier R. R. Co.....	do.....	2.47
	Missouri Pacific Rwy. Co.....	do.....	.24
	Colorado and Southern Rwy. Co.....	do.....	1.95
	New York, Philadelphia and Norfolk R. R. Co.....	do.....	.85
	Lehigh Valley R. R. Co.....	do.....	22.98
	Steamer W. G. Butman.....	do.....	5.00
	W. R. Morton.....	Drayage.....	.21
	Estate of Edward Hayden.....	do.....	.85
	W. S. Belden.....	Traveling expenses.....	7.75
	Estate of John C. Parker.....	Paper.....	1,050.00
	The Guarantee Loan and Trust Co.....	Office rent.....	180.00
	Albert Marty.....	do.....	165.00
	O. I. Taylor.....	Rent of roof.....	6.25
	E. S. Hughes.....	Office rent.....	95.45
	B. S. Williams.....	do.....	73.00
	D. Horton.....	do.....	120.00
	City of Palestine, Tex.....	do.....	78.50
	Emily Culbertson.....	do.....	127.50
	The Chemical Building Co.....	do.....	450.00
	Margaret Parmentier.....	do.....	74.25
	Asheville Library Association.....	do.....	75.00
	Bluff City Telephone Co.....	Telephone services.....	15.00
	La Crosse Telephone Co.....	do.....	7.50
	Central Union Telephone Co.....	do.....	25.50
	Wisconsin Telephone Co.....	do.....	3.75
	do.....	do.....	15.00
	Cumberland Telephone and Telegraph Co.....	do.....	16.50
	Southern Bell Telephone and Telegraph Co.....	do.....	9.00
	Sunset Telephone and Telegraph Co.....	do.....	18.00
	New England Telephone and Telegraph Co.....	do.....	8.40
	do.....	do.....	8.25
	Cumberland Telephone and Telegraph Co.....	do.....	7.20
	Charleston Consolidated Railway, Gas, and Electric Co.....	Electric light.....	8.75
	do.....	do.....	8.75
	W. V. Hughes.....	do.....	9.00
	Georgetown Electric Co.....	do.....	8.75
	St. Louis Toilet Supply Co.....	Towel supply.....	4.50
	J. H. Groot.....	do.....	3.00
	L. E. Wilson.....	Washing towels.....	1.50
	Galveston Gas Co.....	Gas.....	10.80
	T. C. Spain.....	Oil.....	.60
	Wm. H. Wranek.....	Mucilage.....	3.00
	F. S. Johnson.....	Benzine.....	.30
	The Federal Manufacturing Co.....	Repairs for printing press.....	64.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 8	Alabama, Mississippi and Tennessee Telephone Co.	Telegraph services	\$6.75
	W. A. Mitchell	Drayage	2.15
	H. C. Howe	Repairing clock	2.25
	Parkersburg, substations	Pay roll	84.75
	Macon, substations	do	66.00
	A. B. Wallaber	Traveling expenses	44.45
	A. E. Hackett	do	24.90
	L. M. Farr	Station expenses	181.02
	E. H. Emery	do	9.10
	F. H. Clarke	Drayage	8.90
	E. H. Emery	Station expenses	33.45
	Pacific Club	Office rent	65.75
	W. Pollman	do	112.50
	Indianapolis Gas Co	do	256.25
15	A. G. McAdie	Traveling expenses	3.50
	T. F. Townsend	do	11.50
	Wilmington substations	Pay roll	72.00
	E. A. Beals	Station expenses	3.35
	W. G. Burns	Drayage, etc	12.95
	G. M. Chappel	do	2.10
	W. S. Palmer	Station expenses	7.74
	L. H. Murdoch	Drayage, etc	26.80
	J. W. Byram	Telephone rent and repairing clock	6.50
	J. P. Bolton	Telephone services and drayage	16.00
	L. N. Jesunofsky	Drayage	2.00
	Southern Bell Telephone and Telegraph Co	Telephone services	24.00
	The Pennsylvania Telephone Co	do	11.25
	Consolidated Telephone Companies of Pennsylvania	do	9.00
	Fayette Home Telephone Co	do	4.50
	East Tennessee Telephone Co	do	9.00
	The Cleveland Telephone Co	do	33.00
	New England Telephone and Telegraph Co	do	14.25
	Edison Sault Electric Co	Electric light	16.25
	Agricultural and Mechanical College of Kentucky	do	3.00
	Society for Savings	Office rent	285.00
	J. L. Connell	do	118.75
	Muckerman Ice and Coal Co	Ice	3.90
	Chicago and Northwestern Rwy. Co	Passenger transportation	44.70
	Crucible Steel Co. of America	Drill rods	6.44
	H. M. Caswell	Lamps and installing lights in cellar	13.00
	Illinois District Telegraph Co	Delivering bulletins	15.00
	W. L. Moore	Traveling expenses	3.80
	S. S. Bassler	Station expenses	4.75
	M. A. Webster	Services	17.50
	J. E. Gathfield	do	60.00
	C. W. Schmid	do	6.25
	S. W. Lightner	do	30.00
	New York substations	Pay roll	45.00
	Norfolk substations	do	130.00
	Philadelphia substations	do	69.00
	E. B. Calvert	Traveling expenses	3.80
	C. A. Hyle	do	10.85
	R. M. Geddings	Drayage and repairing typewriter	1.60
	F. W. Conrad	Ink, mucilage, etc	3.00
	P. Connor	Street-car fare	9.75
	R. W. Clement	Services	10.10
	W. Ellis	do	9.00
	W. B. Clay	Gas generators	469.00
	The Union Ice Co	Ice	9.10
	Asheville Telephone and Telegraph Co	Telephone services	7.33
	Sunset Telephone and Telegraph Co	do	4.75
	J. E. Dooly	Office rent	150.00
	The Hayden Co	do	300.00
	J. K. Porter	do	150.00
	Chamber of Commerce Building Co	do	93.21
	Board of County Commissioners, Humboldt County, Nev.	do	67.00
	Los Angeles Trust Co	do	195.00
	K. P. Coke	do	60.00
	Empire Building Trust	do	279.00
	C. J. Buell	do	94.50
	J. L. Keating	do	96.00
	Improvement Loan and Trust Co	do	206.25
	W. Talbott	do	120.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 15	A. B. Smith.....	Office rent.....	\$85.35
	The Northwest Telephone Exchange Co.....	Telephone services.....	21.00
	Columbus Citizens' Telephone Co.....	do.....	10.00
	Central Union Telephone Co.....	do.....	15.00
	Union Trust Co., receiver Michigan Telephone Co.....	do.....	28.50
	Citizens' Telephone Co. of Muskegon.....	do.....	6.00
	Nantucket Gas and Electric Co.....	Electric light.....	7.20
	Cape May Light and Power Co.....	do.....	4.59
	People's Gaslight and Coke Co.....	Gas.....	13.00
	A. A. Finck.....	Printing climate and crop reports.....	6.00
	W. B. Lount.....	Ice.....	4.55
	Johnson & Johnson.....	Wood.....	4.00
	H. W. Gross.....	Nozzle.....	1.00
	Estate of John C. Parker.....	Paper.....	68.07
	W. H. Wilson.....	Coal.....	96.23
	C. D. Page.....	Drayage.....	2.75
	Duluth Van and Storage Co.....	do.....	7.75
	H. B. Hersey.....	Traveling expenses.....	27.25
	D. Cuthbertson.....	Station expenses.....	10.80
	E. C. Vose.....	do.....	10.78
	J. E. Marbury.....	Drayage, etc.....	4.60
	J. W. Smith.....	Station expenses.....	8.95
	W. S. Belden.....	do.....	8.20
	J. W. Bauer.....	do.....	5.35
	A. E. Hackett.....	Drayage, etc.....	5.58
	J. N. Ryker.....	Electric light.....	20.32
	Estate of J. G. Hatch.....	Office rent.....	64.75
	Nebraska Telephone Co.....	Telephone services.....	21.00
	The Central District and Printing Telephone Co.....	do.....	35.75
	Sunset Telephone and Telegraph Co.....	do.....	15.00
	Citizens' Telephone Co.....	do.....	13.25
	Cumberland Telephone and Telegraph Co.....	do.....	21.00
	Louisville Home Telephone Co.....	do.....	12.00
	Idaho Independent Telephone Co.....	do.....	2.00
	Southern Bell Telephone and Telegraph Co.....	do.....	7.50
	do.....	do.....	21.50
	Southwestern Telegraph and Telephone Co.....	do.....	15.00
	Nebraska Telephone Co.....	do.....	15.00
	Rocky Mountain Bell Telephone Co.....	do.....	2.60
	Wisconsin Telephone Co.....	do.....	31.05
	Hudson River Telephone Co.....	do.....	16.50
	Mutual Telephone Co.....	do.....	11.25
	Improvement Loan and Trust Co.....	Electric light.....	8.75
	E. A. Born.....	do.....	27.75
	Annapolis Gas and Electric Light Co.....	do.....	9.00
	Mutual Light and Water Co.....	do.....	7.20
	The United Electric Light and Power Co.....	do.....	9.00
	Max Levy.....	Electric current.....	30.00
	Consolidated Gas Co. of New Jersey.....	do.....	7.48
	Lincoln Traction Co.....	do.....	13.50
	Baumgardt Publishing Co.....	Printing climate and crop bulletins.....	13.00
	Statesman Printing Co.....	do.....	76.50
	Arizona Publishing Co.....	do.....	66.00
	American Linen Supply Co.....	Towel supply.....	3.00
	American Toilet Supply Co.....	do.....	2.25
	C. A. Johnson.....	Washing towels.....	3.00
	Omaha Towel Co.....	do.....	3.00
	M. T. Hayden.....	do.....	3.00
	Burlington and Missouri River R. R. in Nebraska.....	Passenger transportation.....	3.42
	Duluth, South Shore and Atlantic Rwy. Co.....	do.....	18.57
	Rising Sun Telegraph Line.....	Telegraph services.....	2.80
	Dakota Central Telephone Lines (Incorporated).....	do.....	87.01
	H. Parker Rolfe.....	Photographs.....	6.00
	Arnold & Wetherbee.....	Repairing electric circuit.....	1.60
	W. R. Taylor.....	Erecting storm-warning tower.....	97.00
	Berggren Electric Co.....	Electrical supplies.....	16.00
	Barnhart Bros. & Spindler.....	Printing supplies.....	2.21
	A. G. Burns.....	Brooms.....	1.00
	G. E. Grimes.....	Money orders, etc.....	1.25
	J. L. Cline.....	Drayage, etc.....	2.85
	C. F. von Herrmann.....	do.....	9.29
	F. R. Beahan.....	Repairing span wire.....	12.50
	L. C. Ballard.....	Services.....	4.25
	D. F. Thompson.....	do.....	4.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 15	D. F. Weber.....	Services.....	\$4.25
	N. W. Wagner.....	do.....	21.00
	Chas. Ebbinghausen.....	do.....	4.25
	C. P. Blachly.....	do.....	9.00
	C. P. Disney.....	do.....	7.00
	J. E. Cotter.....	do.....	15.75
	H. D. Pillichody.....	do.....	30.00
	Zenith City Telephone Co.....	Telephone services.....	7.50
	J. E. Garrett.....	Washing towels.....	.75
	C. F. von Herrmann.....	Traveling expenses.....	34.35
	J. M. Kirk.....	do.....	28.05
	J. H. Robinson.....	do.....	23.90
	G. W. O'Brien.....	Office rent.....	18.00
	Northwestern Mutual Life Insurance Co. of Milwaukee.....	do.....	125.00
	D. L., G. C., S. C. Buhne and M. C. Pratt.....	do.....	92.20
	Cleary Bros.....	do.....	135.00
	Wm. Curry's Sons.....	Rent of boathouse.....	24.00
	Southern Bell Telephone and Telegraph Co.....	Telephone services.....	8.25
	Pacific States Telephone and Telegraph Co.....	do.....	4.50
	Sunset Telephone and Telegraph Co.....	do.....	15.00
	New York and Pennsylvania Telephone and Telegraph Co.....	do.....	12.00
	Union Trust Co., receiver Michigan Telephone Co.....	do.....	85.00
	Washington County Telephone Co.....	do.....	6.60
	The Tyrell County Telephone Co.....	do.....	14.40
	Ontario Telephone Co.....	do.....	15.00
	Duluth Telephone Co.....	do.....	15.00
	Cumberland Telephone and Telegraph Co.....	do.....	12.00
	do.....	do.....	5.20
	do.....	do.....	29.85
	The Northwestern Telephone Exchange Co.....	do.....	33.00
	Southwestern Telegraph and Telephone Co.....	do.....	18.00
	Pacific States Telephone and Telegraph Co.....	do.....	7.50
	Cumberland Telephone and Telegraph Co.....	do.....	48.00
	Southern Bell Telephone and Telegraph Co.....	do.....	12.00
	do.....	do.....	10.50
	E. V. Hauser.....	do.....	13.50
	Colorado Telephone Co.....	do.....	7.40
	Winton Telegraph Co.....	Telephone services.....	22.65
	International and Great Northern R. R. Co.....	Passenger transportation.....	12.60
	O. C. G. Urban.....	Electric light.....	15.27
	Phoenix Light and Fuel Co.....	do.....	4.00
	Astoria Electric Co.....	do.....	7.50
	Townsend Gas and Electric Co.....	do.....	1.50
	Port Huron Light and Power Co.....	Electric current.....	15.00
	Nashville Railway and Light Co.....	Gas.....	12.70
	Nashville Gas Co.....	Ice.....	9.10
	Capital Ice Co.....	do.....	1.80
	Clem Jaycocks.....	Towel service.....	3.00
	Nashville Laundry Co.....	do.....	3.00
	New York Laundry Works (Incorporated).....	Washing towels.....	6.00
	J. Frank Beck.....	do.....	6.00
	Dora Moyer.....	do.....	6.00
	Gregory Mayer & Thom Co.....	Binding instructions.....	150.00
18	Department of the Interior of Porto Rico.....	Office rent.....	622.50
	H. H. Taylor, agent, Mills Building.....	do.....	105.00
	Mill Valley and Mount Tamalpais Scenic Rwy.....	do.....	52.84
	Henry Bolton.....	do.....	150.00
	Joseph Bryan.....	do.....	69.25
	Clinckett & Coates.....	do.....	25.50
	Pacific States Telephone and Telegraph Co.....	Telephone services.....	88.70
	Cumberland Telephone and Telegraph Co.....	do.....	39.00
	Pacific States Telephone and Telegraph Co.....	do.....	7.50
	The Empire State Telephone and Telegraph Co.....	do.....	21.00
	Southwestern Telegraph and Telephone Co.....	do.....	38.60
	East Tennessee Telephone Co.....	do.....	10.00
	Cumberland Telephone and Telegraph Co.....	do.....	16.50
	F. G. Blaisdell.....	do.....	.60
	Hudson River Telephone Co.....	do.....	24.40
	The Atlantic Electric and Power Co.....	Electric light.....	28.49
	New Bedford Gas and Edison Light Co.....	do.....	21.60
	Sociedad Anonima Luz Electrica.....	do.....	3.95
	Asheville Electric Co.....	do.....	19.49
	Marblehead Municipal Light Department.....	do.....	21.09
	Duluth General Electric Co.....	do.....	.40
	Iowa Telephone Co.....	Telephone services.....	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 18	A. Lynne Hijos de Perez Moris.....	Printing climate and crop bulletins.	\$78.00
	F. C. Nunemacher.....	Printing annual summary.....	98.00
	The Union Ice Co.....	Ice.....	9.10
	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.....	Passenger transportation.....	13.55
	A. M. Ferguson.....	Boat rent.....	7.50
	O. R. Ball.....	Type.....	2.28
	A. W. Lamm.....	Ink and mucilage.....	6.00
	H. J. Ledoux.....	Drinking water.....	3.76
	Gamble & Ludwig.....	Gasoline.....	.75
	Richard A. Shaw.....	Cleaning map.....	15.00
	Charles Carter.....	.....do.....	15.00
	Pacific States Telephone and Telegraph Co.....	Rent of underground conduit.....	35.10
	Gregory, Mayer & Thom Co.....	Instruction holders.....	11.00
	George W. Trout.....	Brooms and gasoline.....	1.10
	Robert Little.....	Drayage.....	.50
	H. Mahler's Sons.....	Repairing clock.....	5.00
	H. Brooker & Co.....	Gasoline and oil.....	12.85
	Chapin & Simpson.....	Team hire.....	39.25
	Minneapolis General Electric Co.....	Moving motor.....	2.25
	Texas and New Orleans R. R. Co.....	Freight charges.....	1.64
	Chicago, Burlington and Quincy Rwy. Co.....	.....do.....	.40
	Littleford, Alvord & Co.....	Drayage.....	14.83
	M. E. Blystone.....	Station expenses.....	2.96
	T. S. Outram.....	Drayage, etc.....	9.95
	L. M. Pindell.....	Repairs to river gauge, etc.....	4.60
	J. M. Sherier.....	Street-car fare.....	14.50
	J. J. Kellier.....	Drayage.....	1.00
	I. M. Cline.....	Station expenses.....	2.13
	A. McC. Ashley.....	Drayage, etc.....	7.00
	F. Newman.....	Repairing clock.....	1.00
	R. G. Allen.....	Drayage, etc.....	9.60
	S. W. Glenn.....	Station expenses.....	2.14
	F. C. Hiel.....	Services.....	9.00
	C. T. Dagwell.....	.....do.....	45.00
	Atlanta, substations.....	Pay roll.....	94.00
	Augusta, substations.....	.....do.....	57.00
	Boston, substations.....	.....do.....	303.25
	Cairo, substations.....	.....do.....	160.00
	Charleston, substations.....	.....do.....	83.50
	Harrisburg, substations.....	.....do.....	181.00
	Louisville, substations.....	.....do.....	66.00
	New Orleans, substations.....	.....do.....	147.00
	Portland, Oreg., substations.....	.....do.....	150.00
	.....do.....	.....do.....	100.25
	Vicksburg, substations.....	.....do.....	93.00
	Iowa Telephone Co.....	Telephone services.....	15.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	12.00
	Central New York Telephone and Telegraph Co.....	.....do.....	20.00
	Missouri and Kansas Telephone Co.....	.....do.....	6.00
	R. L. Lewis.....	.....do.....	24.00
	East Tennessee Telephone Co.....	.....do.....	9.00
	New York and Pennsylvania Telephone and Telegraph Co.....	.....do.....	7.50
	The Diamond State Telephone Co.....	.....do.....	6.25
	Southern Bell Telephone and Telegraph Co.....	.....do.....	12.00
	People's Telephone and Telegraph Co.....	.....do.....	7.50
	Consumers Ice Co.....	Ice.....	3.90
	Baltimore Towel Supply Co.....	Washing towels.....	2.25
	A. Midgett.....	Services and horse hire.....	2.50
	Chemical Building Co.....	Constructing walk.....	34.00
	Board of Public Works.....	Water supply.....	3.50
	First National Bank, Portland, Me.....	Office rent.....	126.00
	Sunset Telephone and Telegraph Co.....	Telephone services.....	6.00
	York State Telephone Co.....	.....do.....	7.50
	The Bell Telephone Co. of Missouri.....	.....do.....	34.00
	Palestine Telephone Co.....	.....do.....	9.00
	The Central Union Telephone Co.....	.....do.....	10.50
	Kinloch Telephone Co.....	.....do.....	15.00
	The City and Suburban Telegraph Association.....	.....do.....	21.00
	Union Trust Co., Detroit.....	.....do.....	6.00
	Cumberland Telephone and Telegraph Co.....	.....do.....	19.50
	East Tennessee Telephone Co.....	.....do.....	12.00
	Black Hills Telegraph and Telephone Co.....	.....do.....	21.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	15.00
	The Ohio River Telephone Co.....	.....do.....	16.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904			
Apr. 18	E. S. Allen.....	Telegraph services.....	\$7.50
	Pennsylvania Telephone Co.	do.....	1.34
	New England Telephone and Telegraph Co.	do.....	14.25
	Missouri and Kansas Telephone Co.	do.....	30.00
	Home Telephone Co.	do.....	7.50
	Corvallis and Eastern R. R. Co.	Telegraph services.....	2.70
	The Direct West India Cable Co.	do.....	150.00
	Marthas Vineyard Telegraph Co.	do.....	46.70
	Postal Telegraph Cable Co.	do.....	733.01
	Green Bay Light and Power Co.	Electric light.....	6.25
	The Culver Construction Co.	do.....	21.75
	Fall River Electric Light Co.	do.....	12.64
	Minneapolis General Electric Light Co.	Electric current.....	15.00
	Standard Gas and Electric Co.	Gas.....	10.80
	New Orleans Lighting Co., lessee.....	do.....	13.00
	Buffalo Gas Co.	do.....	4.70
	Phillips, Smith & Van Orden.....	Printing climate and crop bulletins.....	45.00
	Naegle & Co.	Printing snow bulletins.....	22.50
	Fowler Manufacturing Co. (Limited).....	Towel service.....	3.00
	Munger's Laundry Co.	do.....	6.00
	Rose G. Thomas.....	Washing towels.....	3.00
	C. D. Cass.....	do.....	1.00
	D. W. King.....	do.....	2.00
	Chicago Great Western Rwy. Co.	Passenger transportation.....	6.65
	Choctaw, Oklahoma and Gulf R. R. Co.	do.....	76.71
	The Atchison, Topeka and Santa Fe Rwy. Co. (Coast Lines).....	do.....	31.40
	Morgan's Louisiana and Texas R. R. and Steamship Co.	do.....	12.30
	City Delivery Co.	Ice.....	4.55
	A. O. Fischer.....	Team hire.....	2.00
21	W. H. H. Smith.....	do.....	6.00
	Neil Ferguson.....	Drayage.....	1.50
	E. W. Turner.....	Cleaning clock.....	1.50
	P. H. Brader.....	Iron pump.....	12.00
	H. A. Hart.....	Binding maps.....	4.00
	O. Rice & Co.	Repairing typewriter.....	15.00
	Century Electric Co.	Acid.....	3.00
	Julien P. Friez.....	Repairing anemometers.....	270.00
	G. C. Harris.....	Ink and mucilage.....	1.25
	H. C. Hansen.....	Dies and logotypes.....	86.30
	Beardsley & Finney.....	Ink, mucilage, and broom.....	3.50
	Phoenix Light and Fuel Co.	Lamps.....	1.25
	American Writing Machine Co.	Repairing typewriter.....	13.50
	Duluth Hardware Co.	Ladder.....	4.50
	F. W. Read & Co. (Incorporated).....	Cards and wrappers.....	29.00
	J. M. Murphy & Co.	Moving printing press.....	19.50
	M. L. Willis.....	Drinking water.....	4.50
	The General Cartage and Storage Co.	Drayage.....	4.20
	H. R. Rust.....	Packing box.....	1.10
	The Pelouze Paper and Type Co.	Type.....	4.70
	Peter Gray & Sons.....	Repairs to lanterns.....	5.00
	A. M. D. Holloway.....	Erecting tower.....	75.00
	Zenith City Telephone Co.	Relocating telephone.....	3.85
	George Meier Co.	Gum arabic.....	3.20
	O. R. Ball.....	Printing supplies.....	42.60
	Queen & Co. (Incorporated).....	Alcohol.....	5.00
	C. E. Johnson.....	Ferriage.....	3.00
	M. A. Robinson.....	Subsistence.....	24.50
	S. C. Emery.....	Drayage.....	3.45
	Memphis, substations.....	Pay roll.....	51.00
	Mobile, substations.....	do.....	71.00
	Charleston, substations.....	do.....	30.00
	Pittsburg, substations.....	do.....	523.00
	Richmond, substations.....	do.....	3.00
	Cincinnati, substations.....	do.....	193.25
	Fort Smith, substations.....	do.....	39.00
	Baltimore, substations.....	do.....	90.00
	Savannah, substations.....	do.....	61.00
	Atlanta, substations.....	do.....	36.25
	Galveston, substations.....	do.....	30.00
	Mill Valley and Mount Tamalpais Scenic Rwy	Services.....	15.00
	A. G. Miley.....	do.....	9.50
	J. T. Myers.....	do.....	15.00
	La Crosse, substations.....	Pay roll.....	72.50
	Fraternal Hall Association.....	Office rent.....	105.00
	Union Trust Building Co. (Limited).....	do.....	167.50
	Southern Bell Telephone and Telegraph Co. .	Telephone service.....	12.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 21	Southern Bell Telephone and Telegraph Co.	Telephone service.....	\$18.00
	Southwestern Telegraph and Telephone Co.	.....do.....	9.00
	The Inland Telephone Co.	.....do.....	10.60
	Cherry County Telephone Co.	.....do.....	7.50
	The Southwestern Telegraph and Telephone Co.	.....do.....	18.00
	Maryland Telephone and Telegraph Co.	.....do.....	18.00
	Rocky Mountain Bell Telephone Co.	.....do.....	15.00
	Chesapeake and Potomac Telephone Co.	.....do.....	31.25
	New England Telephone and Telegraph Co.	.....do.....	29.00
	Chicago Telephone Co.	.....do.....	57.50
	Electric Lighting Co. of Mobile	Electric light.....	3.56
	Daniel Murphy	Printing annual summary.....	30.00
	Consumers ice Co.	Ice.....	4.50
	The Cincinnati, Hamilton and Dayton Rwy. Co.	Passenger transportation.....	19.50
	The Watash Rwy. Co.	.....do.....	54.61
	Nashville, Chattanooga and St. Louis Rwy.	.....do.....	21.05
	Crockett Ross	Cleaning office.....	3.00
	W. H. Rollinson	Grading grounds.....	70.00
	J. F. McLean	Ink.....	2.00
	C. B. Little	Water supply.....	11.00
	A. K. Ogilvie	Repairing river gauge.....	35.00
	W. A. Legeman	Binding records.....	2.50
	H. N. Leighton Co.	Moving materials.....	6.77
	The Atchison, Topeka and Santa Fe Rwy. Co.	Freight charges.....	89.59
	Chattanooga substations	Pay roll.....	139.90
	Galveston, substations	.....do.....	258.00
	Knoxville, substations	.....do.....	130.25
	Montgomery, substations	.....do.....	128.75
	Raleigh, substations	.....do.....	120.00
	Shreveport, substations	.....do.....	29.21
	Sioux City, substations	.....do.....	32.83
	Twin City Telephone Co.	Telephone services.....	12.00
	W. E. Lawrence	Cleaning carpets.....	6.50
	C. D. Clack	Drayage.....	1.00
	New Orleans, substations	Pay roll.....	112.50
	Portland, substations	.....do.....	90.00
	John Hyslop	Services.....	30.00
	H. Hamilton	.....do.....	30.00
	O. L. Fassig	Street car fare.....	3.75
	F. P. Chaffee	Drayage.....	2.15
	J. P. Slaughter	Drayage, etc.....	4.15
	C. W. Ling	Post-office box rent.....	1.50
	James Kenealy	Station expenses.....	1.65
	H. Legler	Washing towels.....	1.05
	H. O. Green	Traveling expenses.....	14.20
	John W. Carr	.....do.....	4.50
	R. F. Young	.....do.....	33.00
	F. H. Brandenburg	Station expenses.....	3.95
	P. McDonough	.....do.....	4.10
	E. P. Jones	Office rent.....	25.00
	A. H. Thiessen	Traveling expenses.....	20.50
23	Delaware and Atlantic Telegraph and Telephone Co.	Telephone services.....	12.00
	Dubuque Telephone Co.	.....do.....	6.00
	Capital Telephone and Telegraph Co.	.....do.....	4.50
	Amarillo Telephone Co.	.....do.....	9.00
	Rocky Mountain Bell Telephone Co.	.....do.....	10.50
	Iowa Telephone Co.	.....do.....	30.00
	Northwestern Telephone Exchange Co.	.....do.....	6.00
	Home Telephone Co.	.....do.....	10.40
	Moncure and Pittsboro Telegraph Co.	Telegraph services.....	6.10
	Postal Telegraph-Cable Co. of Texas	.....do.....	3.30
	The Great Northwestern Telegraph Co. of Canada	.....do.....	106.00
	Choctaw, Oklahoma and Gulf R. R. Co.	.....do.....	30.80
	Enterprise Telegraph Co.	.....do.....	15.20
	First National Bank, Moorehead, Minn.	Office rent.....	66.31
	The Citizen's Gas and Electric Co.	Electric light.....	3.00
	New Orleans and Carrollton R. R. Light and Power Co.	.....do.....	9.25
	The Raleigh Electric Co.	Electric current.....	5.21
	The Consolidated Gas Co.	Gas.....	2.44
	H. A. Poole	Horse hire.....	2.50
	Julien P. Friez	Parts for sunshine recorders.....	45.00
	The Pacific Transfer Co.	Drayage.....	25.26
	W. J. Kemp	Repairing clock.....	1.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 23	Norwich University	Electric light and steam heat.	\$21.50
	Northwestern Fuel Co.	Coal.	77.50
	Punnett Bros.	River maps.	5.00
	T. J. Thorp & Co.	Repairing electric motor.	2.50
	Basche-Sage Hardware Co.	Glass.	20.00
	Washington Irving.	Horse hire.	1.50
	J. I. Holcomb Manufacturing Co.	Floor sweeps.	18.50
	Abraham & Straus.	Table and chairs.	43.50
	Underwood Typewriter Co.	Typewriter.	85.00
	Remington Typewriter Co.	Typewriter, etc.	110.00
	Geo. O. May.	Changing electric wires.	10.00
	Underwood Typewriter Co.	Typewriter stand.	4.50
	Plint & Walling Manufacturing Co.	Storm warning towers.	247.35
	H. A. Dreer (Incorporated).	Ground bone.	3.50
	Addressograph Co.	Logotype.	4.93
	Crew & Malone.	Services.	19.30
	Wm. Johnson.	Placing cable.	2.00
	Cline Rogers.	Repairing typewriter.	6.00
	Babbitt Bros.	Oil.	12.00
	The Clark Paint and Oil Co.	Glass.	1.98
	J. W. Marshall.	Erecting tower.	125.00
	Schneider Bros.	Anemometer cups.	50.00
	Washington Southern Rwy. Co.	Passenger transportation.	5.50
	Louisville and Nashville R. R. Co.	do.	57.06
	L. E. Scarr.	Washing towels.	1.50
	Daniel Murphy.	Printing annual summary.	17.00
	H. H. McNeill.	Printing bulletins.	7.50
	Jeff Davis.	Repairing telegraph line.	2.00
	Boston, substations.	Pay roll.	791.25
	Jacksonville, substations.	do.	75.00
	Philadelphia, substations.	do.	53.84
	St. Louis, substations.	do.	149.40
	Wm. Harris.	Services.	12.00
	J. F. Newsom.	Drayage.	1.75
	F. J. Walz.	Traveling expenses.	2.95
	J. H. Scarr.	do.	5.50
	G. B. Wurtz.	Station expenses.	3.15
	E. D. Osborn.	Office rent.	125.00
	Pacific States Telephone and Telegraph Co.	Telephone services.	18.00
	The Topeka Independent Telephone Co.	do.	9.00
	Rocky Mountain Bell Telephone Co.	do.	11.60
	do.	do.	44.60
	Ocean Tow Boat Line.	Telegraph services.	10.00
	Southern Bell Telephone and Telegraph Co.	Telephone services.	8.10
	The Seattle Electric Co.	Electric light.	14.43
	Houghton County Electric Light Co.	do.	9.79
	Rockingham County Light and Power Co.	do.	22.10
	Needham Bros.	Washing towels.	87
	M. G. Copeland Co.	Flags.	388.00
	Thos. Reedy.	Bookcase.	18.50
	William Franklin.	Erecting tower.	48.00
	J. A. Mott.	Fertilizer.	30.00
	A. Midgett.	Wood.	6.00
	J. S. Wright.	Drayage.	1.00
	Addressograph Co.	Addressograph, cabinet, etc.	49.60
	Gether, Drebert & Perkins Co.	Printing supplies.	16.21
	Coston Signal Co. (Incorporated).	Answering signals.	33.00
	Wm. J. Crawford.	Drayage.	90
	Geo. Hass Hagen.	Station expenses.	2.25
	Union Trust Co., Detroit.	Telephone services.	12.00
	Narragansett Pier Electric Light and Power Co.	Electric light.	18.08
	Seaboard Air Line Rwy.	Passenger transportation.	4.35
	Edwin Hayte.	Repairing telegraph line.	2.00
	A. Midgett.	Team hire.	2.50
	Dell O. Rodgers & Co.	Repairing typewriter.	11.90
	Edward Killorin.	Erecting instrument shelter.	15.00
	Pennsylvania Rwy. Co.	Freight charges.	21.25
	Southern Bell Telephone and Telegraph Co.	Telephone services.	15.00
	Central District and Printing Telegraph Co.	Telegraph services.	10.45
	do.	do.	39.60
	The Pennsylvania R. R. Co.	Passenger transportation.	16.60
	The Cleveland, Cincinnati, Chicago and St. Louis R. R. Co.	do.	39.71
	Duluth, South Shore and Atlantic Rwy. Co.	do.	14.62
	Inland Type Foundry.	Type.	5.80
	Charles Eneu Johnson & Co.	Ink.	540.00
	Mineralized Rubber Co.	Rubber hose.	9.25
	J. H. Bunnel & Co.	Battery cells.	4.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 23	Gregory, Mayer & Thom Co.	Spring binders	\$18.00
	Queen & Co. (Incorporated)	Thermometers	60.00
30	James B. Lambie Co. (Incorporated)	Cotton waste	77.66
	do.	Brass, emery paper, etc.	21.60
	do.	Excelsior	4.85
	Francis B. Miller	Turpentine	30.25
	Woodward & Lothrop	Dusters, furniture, etc.	203.81
	Forsberg & Murray	Repairing engine	4.00
	Lamb & Tilden	Rubber stamps	1.77
	do.	do.	3.15
	do.	do.	5.27
	do.	do.	2.29
	Lutz & Co.	Saddle blankets, etc.	12.25
	Swayze, Bailey & Co.	Pencils	7.50
	Estate of John C. Parker	Eyelets	3.00
	American Writing Machine Co.	Repairing typewriter	19.90
	do.	do.	19.80
	do.	do.	20.30
	do.	Typewriter	69.75
	do.	Typewriters	144.50
	The Smith Premier Typewriter Co.	Typewriter	96.75
	do.	do.	96.75
	W. B. Moses & Sons	Wardrobe	9.75
	do.	Bookcase and cabinet	66.50
	do.	Wardrobe and table	32.75
	Maurice Joyce Engraving Co.	Printing supplies	35.10
	do.	Electrotype plates	5.20
	M. Du Perow	Fuse plugs	4.25
	National Printers' Supply Co.	Benzine	4.02
	Delano & Moore	Rubber tray, etc.	3.88
	Edward Mullin	Rags	14.00
	American Type Founders Co.	Brackets	.84
	Wm. H. Dyer	Sawdust	1.75
	J. C. Entwistle	Engraving rain chart	10.00
	Peter Spies	Installing electric lanterns	16.50
	J. E. Turton	Instrument shelters, etc.	14.58
	R. P. Andrews & Co. (Incorporated)	Paper	54.08
	R. P. Clarke Co.	Towels	70.20
	A. Zappone	Traveling expenses	7.30
	do.	do.	51.60
	C. E. Ashcraft, jr.	do.	4.30
	H. E. Williams	do.	3.90
	M. E. Blystone	do.	19.20
	C. M. Strong	do.	14.00
	H. C. Hunter	do.	1.95
	B. L. Waldron	Station expenses	1.95
	P. De Graw	Subsistence and station expenses	84.10
	J. J. O'Donnell	Station expenses	9.24
	W. M. Wilson	Drayage, etc.	11.80
	Little Rock, substations	Pay roll	60.00
	New Orleans, substations	do.	6.50
	Augusta, substations	do.	4.50
	C. Sevilla	Cleaning office	5.00
	C. P. Searle	Services	30.00
	Jacob Crocker	Office rent	75.00
	Charles Baldwin	do.	112.50
	Dyal Upchurch Investment Co.	do.	187.50
	Jacksonville Telephone Co.	Telephone services	7.50
	Northwestern Telephone Exchange Co.	do.	9.00
	Rocky Mountain Bell Telephone Co.	do.	31.90
	Columbia Telephone Co.	do.	6.00
	Cumberland Telephone and Telegraph Co.	do.	168.60
	Georgia Telephone and Telegraph Co.	do.	15.00
	The Cincinnati and Suburban Bell Telephone Co.	do.	1.76
	Jacksonville and St. Johns Bar Telegraph line	Telegraph services	20.25
	Pacific States Telephone and Telegraph Co.	do.	17.60
	A. G. Gereke	Printing snowfall bulletins	18.00
	San Antonio and Aransas Pass Rwy. Co.	Passenger transportation	12.60
	Norfolk and Washington, D. C., Steamboat Co.	do.	3.00
	The H. & W. B. Drew Co.	Printing climate and crop bulletin	63.05
	Gloucester Electric Co.	Electric light	20.94
	Jacksonville Towel Co.	Towel service	3.00
	A. Midgett	Services and team hire	2.50
	Lexington Carpet Cleaning Works	Cleaning carpet	5.00
	Light and Power Commission	Electric light and electric appliances	23.66
	C. E. Johnson & Co.	Ink	100.75

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 30	W. L. Buckner.....	Construction river gauge.....	\$11.50
	Whitelaw & Peasley.....	Photographic supplies.....	2.76
	W. L. Buckner.....	Constructing river gauge.....	8.50
	B. W. Strong.....	Sectional bookcase.....	38.65
	W. J. Brand.....	Erecting wind vane.....	8.00
	The Erner Electric Co.....	Wire.....	2.50
	Julien P. Friez.....	Brass sockets.....	45.00
	G. H. Fuller Desk Co.....	Sectional bookcase.....	24.55
	L. S. Woodhouse.....	Horse hire.....	4.00
	Century Electric Co.....	Knife switches.....	2.90
	H. B. Hosmer.....	Crown plate.....	3.35
	Voelkner & Reinke Manufacturing Co.....	Galley.....	15.00
	Whitelaw & Peasley.....	Photographic supplies.....	3.23
	J. M. Klein Electrical Works.....	Dry batteries.....	3.85
	W. H. Minter.....	Setting out trees.....	1.60
	Addressograph Co.....	Addressograph, etc.....	44.85
	G. W. Felger.....	Traveling expenses.....	19.25
	J. Warren Smith.....	Telegraphic reports, drayage, etc.....	23.00
	E. C. Thompson.....	Station expenses.....	17.67
	Estate of D. V. Williams, deceased.....	Services.....	8.21
	B. F. Larcombe et al.....	Pay roll, printing office.....	2,458.32
May 5	E. G. Colvin.....	Traveling expenses.....	2.35
	G. H. Willson.....	do.....	6.50
	Willis L. Moore.....	do.....	3.80
	A. H. Thiessen.....	Hire of horse and wagon.....	3.50
	Albany, substations.....	Pay roll.....	179.93
	Northwestern Telephone Exchange Co.....	Telephone services.....	10.50
	Williston Telephone Exchange.....	do.....	6.00
	New England Telephone and Telegraph Co.....	do.....	2.40
	East Tennessee Telephone Co.....	do.....	15.60
	do.....	do.....	15.80
	The International Ocean Telegraph Co.....	Telegraph services.....	203.05
	Cumberland Telephone and Telegraph Co.....	do.....	108.90
	Amarillo Water, Light and Power Co.....	Electric light.....	17.58
	Narragansett Electric Lighting Co.....	do.....	42.72
	Robert Tyler.....	Printing climate and crop bulletin.....	10.00
	Hoke Engraving Plate Co.....	Recoating base plates.....	137.50
	E. V. Roe.....	Team hire.....	2.50
	A. Midgett.....	Repairing telegraph line.....	1.50
	J. H. Hoyt.....	Repairing bookcase.....	2.00
	Julien P. Friez.....	Thermometer supports.....	165.00
	W. H. Dyer.....	Sawdust.....	1.75
	M. B. Wheeler Electric Co.....	Electrical supplies.....	.70
	Justinian Caire Co.....	Wireless-telegraph supplies.....	.30
	Stack Bros.....	Hose and placing same.....	7.00
	J. W. Austin.....	Building fence.....	28.50
	O. N. Berry.....	Stamp holder.....	1.00
	Central of Georgia Rwy. Co.....	Repairing river gage.....	5.00
	W. H. Light.....	Hose connections.....	5.00
	American Writing Machine Co.....	Typewriter.....	72.25
	Raymont Gutowski.....	Coal.....	23.67
	Barnhart Bros. & Spindler.....	Repairing printing press.....	5.20
	H. C. Freeman.....	Erecting instrument shelter.....	2.00
	The Phosphor Bronze Smelting Co. (Limited).....	Phosphor-bronze rods.....	4.98
	Whitall, Tatum Co.....	Pill boxes.....	1.38
	C. C. Carter.....	Cleaning weather map.....	4.67
	R. A. Shaw.....	do.....	4.67
	Great Northern Rwy. Co.....	Freight charges.....	25.99
	do.....	do.....	.99
	Burlington Route, Missouri lines.....	do.....	.94
	do.....	do.....	1.40
	West Virginia Central and Pittsburg Rwy. Co.....	do.....	.58
	do.....	do.....	.70
	Southern Rwy. Co.....	do.....	10.83
	Northern Commercial Co.....	do.....	4.83
	New York, New Haven and Hartford R. R. Co.....	do.....	4.10
	Town of New Shoreham.....	do.....	2.99
	Boston and Albany R. R.....	do.....	.94
	The Oregon Short Line R. R. Co.....	do.....	11.11
	Rome, Watertown and Ogdensburg R. R.....	do.....	.85
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	1.20
	John C. Davis.....	do.....	9.82
	Littlefield, Alvord & Co.....	Drayage.....	11.00
	St. Louis Transfer Co.....	do.....	.89
	Wm. J. Crawford.....	do.....	2.70
	W. R. Morton.....	do.....	.45
	L. H. Murdoch.....	Traveling expenses.....	25.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 5	H. McP. Baldwin.....	Photograph and express charges.	\$3.90
	A. G. McAdie.....	Express charges.....	5.45
	M. E. Shelden.....	Office rent.....	93.75
	J. H. Thiemeyer.....	Boxes, packing.....	123.25
	The Okonite Co. (Limited).....	Copper wire.....	60.00
	The Grote Rankin Co.....	Rubber mats.....	5.00
	H. S. Crocker Co.....	Ink and mucilage.....	3.00
	F. J. Walz.....	Traveling expenses.....	118.50
	Willis L. Moore.....	.....do.....	24.65
11	San Francisco, substations.....	Pay roll.....	65.25
	Nashville, substations.....	.....do.....	102.40
	J. E. Harris, jr.....	Services.....	24.50
	F. X. Martin.....	.....do.....	12.00
	E. H. Bowie.....	Station expenses.....	1.75
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	Telegraph services.....	10.96
	The Oregon Railroad and Navigation Co....	Passenger transportation.....	76.00
	The Chesapeake and Ohio R. R. Co.....	.....do.....	33.30
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	.....do.....	14.30
	M. Du Perow.....	Electric cells.....	358.00
	P. C. Schaefer.....	Wash sink.....	48.00
	Underwood Typewriter Co.....	Typewriter.....	87.50
	C. R. Edmonston.....	Tube for filter.....	12.00
	Western Union Telegraph Co.....	Telegraph services.....	14,035.66
	H. C. Frankenfield.....	Traveling expenses.....	110.28
	S. W. Glenn.....	.....do.....	30.01
	E. B. Richards.....	.....do.....	44.88
	.....do.....	Station expenses.....	19.24
	O. W. Roberts.....	.....do.....	4.30
	R. J. Hyatt.....	.....do.....	3.60
	New York, substations.....	Pay roll.....	45.00
	C. H. Bridges.....	Traveling expenses.....	14.20
	Wm. J. Olds.....	.....do.....	23.50
	C. F. von Herrmann.....	.....do.....	29.45
	J. M. Watson.....	Station expenses.....	6.65
	A. B. Wollaber.....	Subsistence.....	25.00
	J. H. Cooke.....	Installing river gage.....	24.75
	A. A. Piper.....	Repairing river gage.....	29.95
	T. A. Stevenson.....	Reeving halyards.....	5.00
	C. Sanger.....	Constructing flagstaff.....	25.00
	H. A. Vincent.....	Cleaning clock.....	2.50
	E. H. Bacon.....	Painting instrument shelter.....	12.00
	C. M. Hurd.....	Index cards.....	7.88
	Dunn & Lemmon.....	Printing snowfall bulletins.....	16.00
	Postal Telegraph Cable Co.....	Telegraph services.....	916.79
	Western Union Telegraph Co.....	.....do.....	116.12
	Chas. P. Meekins.....	Ground rent.....	3.00
	K. Wagner.....	Office rent.....	75.00
	Tucker Telephone and Telegraph Co.....	Telephone services.....	15.00
	Union Trust Co., Detroit.....	.....do.....	7.50
	Cumberland Telephone and Telegraph Co....	.....do.....	12.30
	.....do.....	.....do.....	15.80
	Rising Sun Telegraph Line.....	Telegraph services.....	2.60
	Postal Telegraph Cable Co. of Texas.....	.....do.....	1.20
	Atchison, Topeka and Santa Fe Rwy. Co....	Passenger transportation.....	29.50
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	.....do.....	12.00
	New York, New Haven and Hartford R. R. Co.....	.....do.....	12.25
	Phillips, Smith & Van Orden (Incorporated).	Printing climate and crop reports.....	45.00
	R. G. Sleater.....	Printing snowfall bulletins.....	24.00
	J. O. Rodney.....	Cleaning windows, etc.....	10.00
	J. P. Geary.....	Drayage.....	9.50
	Eldredge Express and Storage Warehouse Co.	.....do.....	7.30
	Louis Hendricks.....	Repairing telegraph line.....	5.00
	A. Fairservice & Co.....	Nails.....	3.00
	McGee & Pollard.....	Repairing printing press.....	9.37
	W. Bement.....	Erecting flagstaff, etc.....	141.32
	Geo. Innes & Co.....	Carpet.....	14.34
	D. Daly.....	Recasting rollers.....	2.70
	J. J. Nolan.....	Cleaning office.....	2.00
	E. V. Roe.....	Services and team hire.....	2.50
	Stringfellow Drug Co.....	Oil and replacing door.....	2.75
	Baker & Co. (Incorporated).....	Wire, etc.....	21.13
	J. P. Lamey.....	Recasting rollers.....	5.00
	H. A. Meldrum Co.....	Cleaning carpet, etc.....	27.81
	R. A. Negus.....	Engine.....	137.16
	Adkisson Grain and Coal Co.....	Coal.....	8.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 11	John Underwood & Co.....	Carbon paper.....	\$13.50
	Thomas Jermin.....	Repairing telephone line.....	5.00
	J. J. Potter.....	Tackle blocks.....	2.25
	Frank Bosnot.....	Ladder.....	5.00
	J. Walker & Sons.....	Erecting tower.....	75.00
	Phillips, Smith & Van Orden (Incorporated).....	Printing flood reports.....	14.50
	Chicago, Rock Island and Pacific Rwy. Co.....	Freight charges.....	1.40
	do.....	do.....	1.70
	Missouri, Kansas and Texas Rwy. Co.....	do.....	2.17
	Oregon Short Line R. R. Co.....	do.....	9.65
	Rome, Watertown and Ogdensburg R. R.....	do.....	1.90
	Washington Southern Rwy.....	do.....	.90
	Pacific Coast S. S. Co.....	do.....	.26
	Seaboard Air Line Rwy.....	do.....	8.66
	New York, New Haven and Hartford R. R. Co.....	do.....	3.30
	Chicago and Northwestern Rwy. Co.....	do.....	3.37
	Pennsylvania R. R. Co.....	do.....	5.28
	The Oregon Railroad and Navigation Co.....	do.....	1.33
	The San Pedro, Los Angeles and Salt Lake R. R. Co.....	do.....	18.69
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	.99
	Delano & Moore.....	Plates and films.....	11.68
	John Moran.....	Charcoal.....	2.00
	Woodward & Lothrop.....	Cambric.....	1.50
	do.....	Bon ami.....	8.10
	Lamb & Tilden.....	Rubber stamps.....	1.49
	M. G. Copeland.....	Flags.....	65.00
	do.....	Answering pennants.....	4.50
	Mackall Bros.....	Soap.....	64.15
	do.....	Acid.....	1.14
	Maurice Joyce Engraving Co.....	Stereotype plates.....	2.80
	do.....	do.....	4.35
	Lutz & Co.....	Putz cream.....	3.00
	Estate of John C. Parker.....	Manifold books.....	65.00
	R. P. Clarke Co.....	Moleskin.....	4.40
	Barber & Ross.....	Tools.....	44.80
	Geo. F. Muth & Co.....	Benzine.....	17.85
	J. B. Lambie Co. (Incorporated).....	Tape line.....	2.50
	Standard Oil Co.....	Oil.....	8.40
	Yates & Co.....	do.....	5.00
	Flint & Walling Manufacturing Co.....	Storm-warning tower.....	68.45
	District of Columbia Paper Manufacturing Co.....	Blotting paper.....	148.50
	John A. Roebling's Sons' Co.....	Wire.....	18.50
	R. G. Allen.....	Traveling expenses.....	12.26
	F. D. Miracle.....	Office rent.....	147.00
	Northern Pacific Rwy. Co.....	Passenger transportation.....	65.60
	National Electrical Supply Co.....	Wire.....	1.30
17	R. M. Hardinge.....	Traveling expenses.....	16.35
	R. F. Young.....	Station expenses.....	1.50
	M. A. Robinson.....	Subsistence.....	20.00
	W. M. Fulton.....	Drayage and washing towels.....	6.00
	J. H. Scarr.....	Photographic supplies.....	4.40
	Paul De Graw.....	Subsistence and rent of quarters.....	59.50
	Montgomery, substation.....	Pay roll.....	28.00
	New England Telephone and Telegraph Co.....	Telephone services.....	2.70
	The Gordon Telephone Co.....	do.....	9.00
	do.....	do.....	3.00
	Corvallis and Eastern R. R. Co.....	Telegraph services.....	2.60
	Direct West India Cable Co. (Limited).....	do.....	150.00
	The Great Northwestern Telegraph Co. of Canada.....	do.....	110.45
	Naegele & Co.....	Printing snow bulletins.....	7.50
	Baumgardt Publishing Co.....	Printing climate and crop bulletins.....	13.00
	Mineralized Rubber Co.....	Rubber hose.....	9.25
	Geo. E. Plaster, jr.....	Corn.....	32.50
	The Van Bibber Roller Co.....	Casting rollers.....	4.00
	G. H. Baughman.....	Binding weather maps.....	3.00
	F. K. Wills Construction Co.....	Erecting flagstaff.....	300.00
	Chippewa Electric Co.....	Battery cells.....	1.00
	Woodward & Tiernan Printing Co.....	Chalk.....	1.95
	Addressograph Co.....	Addressograph and cabinet.....	44.85
	W. W. Clucker.....	Reeving halyards.....	7.25
	H. A. Goodwin.....	Repairing river gauge.....	10.00
	The Denver and Rio Grande R. R. Co.....	Freight charges.....	4.90
	do.....	do.....	10.88
	Union Pacific R. R. Co.....	do.....	25.57

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904, May 17	Choctaw, Oklahoma and Gulf R. R. Co.....	Freight charges	\$1.48
	Galveston, Harrisburg and San Antonio Rwy. Co.....	do	1.71
	Pacific Coast Steamship Co.....	do	3.95
	G. A. Loveland.....	Traveling expenses	32.02
	Pacific States Telephone and Telegraph Co.....	Telegraph services	8.10
	Marthas Vineyard Telegraph Co.....	do	39.24
	Central District and Printing Telegraph Co.....	do	22.40
	Meteorological Council.....	Compilation of telegrams	11.07
	L. S. Woodhouse.....	Horse hire	2.00
	Thomas Jermin.....	Repairing telephone lines	20.00
	N. C. Upp.....	Hoisting cable	2.00
	Sunset Photo-Engraving Co.....	Printing flood report	23.00
	White & Hannum.....	Cleaning carpet	7.50
	The W. M. Pattison Supply Co.....	Iron block	2.50
	R. W. Bassett.....	Wood	15.00
	F. P. Little Co.....	Installing electric lanterns	125.00
	American Type Founders Co.....	Type, etc.	16.41
	E. J. Hyde.....	Repairing self-register	3.00
	Kelly & Co.....	Postal scale	2.00
	Peter Holmberg.....	Repairing cesspool	35.00
	Illinois Central R. R. Co.....	Freight charges .....	.43
	do	do .....	.74
	do	do .....	.27
	do	do .....	.22
	do	do .....	.27
	The Denver and Rio Grande R. R. Co.....	do	2.16
	do	do	30.75
	Baltimore and Ohio Southwestern R. R. Co.....	do	11.42
	Chesapeake and Ohio Rwy. Co.....	do .....	.84
	International and Great Northern R. R. Co.....	do	2.90
	San Antonio and Aransas Pass Rwy. Co.....	do	1.74
	Louisville and Nashville R. R. Co.....	do	1.18
	Lehigh Valley R. R. Co.....	do	1.39
	New York, Ontario and Western Rwy. Co.....	do .....	.45
	New Bedford, Marthas Vineyard and Nantucket Steamboat Co.....	do .....	.96
	Cincinnati Northern R. R. Co.....	do .....	.56
	W. W. Fowler.....	do	1.00
	Burlington Route, Missouri lines.....	do	1.16
	Central Vermont Rwy. Co.....	do .....	.57
	G. Meyer.....	Services	4.43
	A. McC. Ashley.....	Subsistence	14.25
	Home Telephone Co.....	Telephone services	10.40
	Alabama, Mississippi and Tennessee Telephone Co.....	do	6.50
	Coston Signal Co. (Incorporated).....	Answering signals	33.00
	Standard Oil Co.....	Oil	7.00
	Valley Paper Co.....	Paper	150.00
	J. L. Hudson.....	Repairing furniture	3.00
	Hammock & Ponder.....	Repairing typewriter	1.50
	Chas. Eneu Johnson Co.....	Ink	100.00
	C. C. Compton.....	Wood	24.00
	M. N. Hunt.....	Removing windows and doors	1.00
	J. S. Topham.....	Tool cases	197.50
	Amarillo Grain and Coal Co.....	Coal	30.00
	J. Sedell.....	Cleaning cesspool	15.00
	Cheyenne Light, Fuel and Power Co.....	Electric current	10.00
	Yund & Churchill.....	Repairing clock	1.00
	W. W. Hammond.....	Repairing building	13.00
	Chesapeake and Ohio Rwy. Co.....	Freight charges	2.81
	Southern Rwy. Co.....	do	5.88
	The Oregon Railroad and Navigation Co.....	do	1.17
	J. C. Entwistle.....	Engraving rain chart	10.00
	T. E. Young.....	Wagon	85.50
	J. F. Conrad Grocery Co.....	Gasoline .....	.70
	G. E. Plaster, Jr.....	Rock salt	2.80
	A. J. Stohr.....	Constructing river gauge	26.00
	Manhattan Brass Co.....	Brass railing, gate, etc.	60.00
	National Automatic Fire Alarm Co.....	Installing battery	5.15
21	Joseph Bily, Jr.....	Traveling expenses	13.25
	E. A. Evans.....	do	37.17
	T. F. Townsend.....	do	7.65
	A. G. McAdie.....	do	3.00
	Hall, Black & Co.....	Printing annual summary	91.80
	P. H. Seewald.....	Repairing clock	4.50
	Low, Gillis & Powell.....	Constructing river gauge	10.50
	New York Telephone Co.....	Telephone services	16.80
	G. B. Reedy.....	Plowing ground	2.25

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
May 21	Carter, Rice & Co. (Corporation)	Wrapping paper	\$116.64
	Mary Wolff	Cleaning office	20.00
	Chicago, Burlington and Quincy Rwy. Co	Freight charges . . . . .	.96
	do	do	9.41
	Wabash R. R. Co.	do	1.26
	do	do	1.57
	Missouri Pacific Rwy. Co.	do	1.64
	Star Union Line	do	2.82
	Pere Marquette R. R. Co.	do	2.82
	Old Dominion Steamship Co.	do	21.79
	C. Abbe	Traveling expenses	8.95
	M. E. Blystone	do	1.00
	J. B. Lambie Co. (Incorporated)	Bolts, screws, etc.	2.45
	J. Baumgarten & Sons	Repairing dating stamp	1.25
	Rudolph, West & Co.	Varnish brushes	83.00
	do	Brass figures	15.00
	Estate of John C. Parker	Cardboard	925.00
	do	Paper	314.25
	D. Frank Parker	Cyclostyle pens	72.00
	E. Mullin	Rags	14.00
	The Smith Premier Typewriter Co.	Typewriter and cover	96.75
	The Maurice Joyce Engraving Co.	Photo-engraving plates	22.26
	Forsberg & Murray	Tongs	3.00
	F. A. Schmidt	Ink	4.00
	R. Carter Ballantyne	Paper	43.41
	Delaware and Hudson Co.	Freight charges . . . . .	.83
	do	do . . . . .	.45
31	The Royal Mail Steam Packet Co.	Roof rent	12.00
	H. Rolle	do	9.00
	F. J. Walz	Traveling expenses	75.50
	E. A. Brown	do	10.80
	A. Zappone	do	13.60
	I. M. Cline	do	6.50
	Pacific States Telephone and Telegraph Co.	Telephone services	8.10
	The Chesapeake and Potomac Telephone Co.	do	6.10
	Rocky Mountain Bell Telephone Co.	do	12.00
	North Montana Telephone Co.	do	13.20
	Pacific States Telephone and Telegraph Co.	Telephone services	8.40
	Ocean Tow Boat Line	do	2.00
	J. T. Harper	do	14.98
	Pacific States Telephone and Telegraph Co.	do	13.40
	Southern Bell Telephone and Telegraph Co.	do	7.80
	Sandusky Gas and Electric Co.	Installing lanterns	7.12
	New London Gas and Electric Co.	Electric light	14.25
	Louisville and Nashville R. R. Co.	do	11.74
	The Pennsylvania R. R. Co.	Passenger transportation	19.50
	Chicago, Milwaukee and St. Paul Rwy. Co.	do	21.55
	C. Sevilla	Services	5.00
	G. A. Loveland	Station supplies	11.95
	A. J. Kelley	Spreaders	2.00
	B. H. Hammerly	Chain	2.50
	Chapin & Simpson	Team hire	107.00
	Silecott & Price	Oil, lead, etc.	12.03
	J. H. Richmond	Constructing river gauge	78.85
	L. H. Jones	Recasting rollers	2.70
	Peoples Ice and Fuel Co.	Ice	2.30
	Chas. Doyle	Erecting tower	38.00
	Morgan City Improvement Co. (Limited)	Electric light	7.50
	T. C. Scruggs	Repairing stand	2.50
	C. B. Lilliston	Erecting thermometer shelter	1.25
	E. Reinhart & Co.	Carpet	47.23
	Heybach-Bush Co.	Printing material	8.15
	L. F. Willoughby	Ink, and recasting rollers	4.75
	Williams & McAnulty	Carpet	76.70
	Rigby & Wilson	Rug	16.00
	H. S. Crocker Co.	Printing snow bulletins	20.00
	Western Fuel Co.	Coal	32.00
	American Type Founders Co.	Printing materials	18.69
	William Jones	Pumping out cesspool	2.00
	A. G. Staton	Removing ashes	2.00
	do	Fertilizer	50.00
	E. Hayte	Repairing telegraph line	2.00
	T. J. Anderson	Installing river gauge	2.50
	E. C. Palmer & Co. (Limited)	Printing materials	1.79
	Baumgardt Publishing Co.	Printing climate and crop reports	9.75
	L. A. Greaux	Repairing clock	2.00
	H. J. Green	Barometer tubes	100.00
	Addressograph Co.	Addressograph, cabinet, etc.	44.85
	H. A. Poole	Repairing telegraph line	3.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
May 31	H. A. Goodwin.....	Repairing river gauge.....	\$2.00
	Electrical Engineering and Supply Co.....	Repairing tower.....	9.75
	W. F. Bradley.....	Repairing clock.....	1.50
	V. E. Swanson.....	do.....	2.00
	R. P. Andrews & Co. (Incorporated).....	Paper.....	123.80
	F. A. Schmidt.....	do.....	.90
	John Underwood & Co.....	Typewriter ribbons.....	13.50
	James Hayden.....	Drayage.....	.63
	The Oregon Railroad and Navigation Co.....	Freight charges.....	1.34
	Kewaunee, Green Bay and Western R. R. Co.....	do.....	10.59
	Cincinnati, New Orleans and Texas Pacific Rwy. Co.....	do.....	2.04
	Boston & Albany R. R. Co.....	do.....	1.88
	Chicago and Northwestern Rwy. Co.....	do.....	8.30
June 3	B. F. Larcombe et al.....	Pay roll, printing office.....	2,570.30
	Rudolph, West & Co.....	Nail pullers.....	12.00
	do.....	Halyards.....	25.60
	Lutz & Co.....	Metal polish.....	12.00
	Lamb & Tilden.....	Rubber stamps.....	1.74
	do.....	Logotype holders.....	36.00
	Estate of John C. Parker.....	Paper.....	72.91
	do.....	Cardboard.....	33.30
	do.....	Oil boards.....	29.00
	D. Frank Parker.....	Neostyle plates.....	100.00
	M. DuPerow.....	Climbers and straps.....	1.70
	The M. Lindsay Rubber Co.....	Rubber stoppers.....	.40
	S. J. Venable.....	Map frames.....	160.00
	W. H. Rupp Co.....	Stenographers' books.....	6.00
	F. A. Tschiffely, Jr.....	Vials.....	.75
	J. E. Turton.....	Instrument stands.....	409.50
	Densmore Typewriter Co.....	Copying pads.....	3.20
	Wm. H. Dyer.....	Sawdust.....	1.75
	G. E. Plaster.....	Wooden slabs.....	15.00
	Cunningham, Curtiss & Welch.....	Repairing typewriter.....	9.00
	C. Garcia.....	Drayage, custom-house papers, etc.....	6.50
	Standard House Furnishing Co.....	Leather couch.....	31.50
	C. A. Burton.....	Coal.....	58.75
	R. F. Hoy.....	Running levels.....	5.00
	Chas. T. Abeles & Co.....	Cabinet.....	44.50
	Alexander-Yost Co.....	Netting.....	7.00
	J. H. McWatters.....	Oil.....	2.75
	The Atchison, Topeka and Santa Fe Rwy. Co.....	Passenger transportation.....	67.20
	The Wabash R. R. Co.....	do.....	22.75
	The Yazoo and Mississippi Valley R. R. Co.....	do.....	5.40
	Chattahoochee River Steamers.....	do.....	3.50
	The International Ocean Telegraph Co.....	Telegraph services.....	153.79
	Western Union Telegraph Co.....	do.....	14,796.91
	Illinois Central R. R. Co.....	Freight charges.....	.21
	do.....	do.....	4.11
	do.....	do.....	.74
	Illinois Central R. R. Co.....	do.....	1.49
	Burlington and Missouri River R. R. in Nebraska.....	do.....	28.54
	do.....	do.....	1.10
	do.....	do.....	8.18
	The Denver and Rio Grande R. R. Co.....	do.....	2.06
	do.....	do.....	9.52
	Chicago and Alton Rwy. Co.....	do.....	.75
	do.....	do.....	4.51
	Chicago and Northwestern Rwy. Co.....	do.....	12.02
	Missouri Pacific Rwy. Co.....	do.....	2.11
	Union Pacific R. R. Co.....	do.....	71.72
	Great Northern Rwy. Co.....	do.....	29.33
	Norfolk and Washington Steamboat Co.....	do.....	.55
	Erie R. R. Co.....	do.....	.82
	The Oregon Railroad and Navigation Co.....	do.....	1.50
	Northern Michigan Transportation Co.....	do.....	.99
	Town of New Shoreham.....	do.....	.90
	L. S. Woodhouse.....	do.....	1.00
	The Breeden Office Supply Co.....	Repairing typewriters.....	2.00
	A. Midgett.....	Services and team hire.....	2.50
	E. W. Burt.....	Services.....	4.65
	Littlefield, Alvord & Co.....	Drayage.....	16.16
	Maddox & Hayden.....	Hard wood.....	2.00
	A. M. Kissouth.....	Grading lawn, etc.....	325.00
	H. C. Frankenfield.....	Traveling expenses.....	66.88
	B. Bunneymeyer.....	do.....	9.70
	E. B. Richards.....	do.....	20.95
9	J. Brown.....	do.....	8.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 9	W. T. Blythe.....	Traveling expenses.....	\$35.80
	N. M. Cunningham.....	do.....	21.25
	I. M. Cline.....	do.....	7.50
	A. B. Wollaber.....	Subsistence.....	25.00
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	Telegraph services.....	10.56
	New England Telephone and Telegraph Co.....	do.....	2.50
	United Electric Light and Power Co.....	Electric light.....	3.78
	Robert Tyler.....	Printing climate and crop reports.....	12.50
	D. J. Stephenson.....	Wire connections for instruments.....	5.00
	A. H. Gurney.....	Repairing typewriter.....	5.00
	C. A. Malm & Co.....	Mail bag and lock.....	6.00
	W. H. Rider.....	Drayage.....	2.00
	Meyer & Wenthe.....	Dating stamps.....	2.00
	W. H. Light.....	Paint brushes.....	7.50
	C. A. Gilbert.....	Painting office sign, etc.....	6.50
	W. C. Duffield.....	Repairing clock.....	1.00
	Peter Gray & Sons.....	Lantern chimneys.....	36.00
	Barnhart Bros. & Spindler.....	Type.....	5.25
	W. H. Kistler.....	Ink.....	4.50
	B. Ganter.....	Repairing triple register clock.....	4.00
	W. H. Rollinson.....	Paint.....	5.00
	W. W. Chase.....	Cleaning carpet.....	3.00
	E. Buckley.....	Repairing walls of building.....	155.00
	D. J. Stephenson.....	Incandescent lamps.....	1.50
	H. M. Loud's Sons Co.....	Erecting tower.....	50.00
	Pennsylvania R. R. Co.....	Freight charges.....	2.41
	do.....	do.....	2.11
	Atchison, Topeka and Santa Fe Rwy. Co.....	do.....	100.33
	do.....	do.....	5.61
	Chicago and Alton Rwy. Co.....	do.....	.22
	do.....	do.....	.75
	The Denver and Rio Grande R. R. Co.....	do.....	1.08
	do.....	do.....	2.02
	Southern Rwy. Co.....	do.....	1.56
	Chicago and Alton Rwy. Co.....	do.....	.22
	Southern Rwy. Co.....	do.....	2.88
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	1.37
	St. Louis and San Francisco R. R. Co.....	do.....	2.14
	Houston, East and West Texas Rwy. Co.....	do.....	1.27
	Star Union Line.....	do.....	.51
	Michigan Central R. R. Co.....	do.....	.66
	Cincinnati, Hamilton and Dayton Rwy. Co.....	do.....	.52
	Gulf, Colorado and Santa Fe Rwy. Co.....	do.....	1.74
	Galveston, Harrisburg and San Antonio Rwy Co.....	do.....	1.46
	Norfolk and Washington Steamboat Co.....	do.....	.50
	Marietta, Columbus and Cleveland R. R. Co.....	do.....	.51
	Chicago, Indianapolis and Louisville Rwy. Co.....	do.....	.86
	Normann Upp.....	do.....	.97
	New York Central and Hudson River R. R. Co.....	do.....	9.23
	Detroit and Mackinac Rwy. Co.....	do.....	4.76
	Narragansett Pier R. R. Co.....	do.....	2.01
	New Bedford, Marthas Vineyard and Nan- tucket Steamboat Co.....	do.....	3.19
	New York and Cuba Mail S. S. Co.....	do.....	2.10
	St. Louis Transfer Co.....	Drayage.....	1.11
	do.....	do.....	1.54
	Littlefield, Alvord & Co.....	do.....	34.21
	J. A. Barry.....	Traveling expenses.....	29.50
	H. B. Hersey.....	do.....	160.25
	T. F. Townsend.....	do.....	47.38
	T. S. Collins.....	do.....	31.68
	Abe Weisner.....	do.....	38.05
	Geo. Reeder.....	Station expenses.....	3.40
	E. B. Richards.....	Repairing instrument shelter.....	18.00
	W. L. Day.....	Station expenses, etc.....	6.95
	New York substations.....	Pay roll.....	45.00
	Rocky Mountain Bell Telephone Co.....	Telephone services.....	27.35
	Chesterfield Telephone and Telegraph Co.....	do.....	15.20
	The Smith Premier Typewriter Co.....	Platen.....	3.00
	A. J. Howerton.....	Oil and alabastine.....	3.50
	Colwell & Rogers.....	Foundation and repairs to tank.....	314.50
	J. C. Widman & Co.....	Weather map and frame.....	175.00
	Woodin & Little.....	Pump, hose, etc.....	29.38
15	B. B. McCay.....	Traveling expenses.....	8.95
	James Jones.....	do.....	29.05
	A. G. McAdie.....	do.....	2.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 15	P. DeGraw	Office rent and subsistence.	\$62.10
	O. W. Roberts	Station expenses.	3.10
	S. Hackett	Drayage and photographs.	3.50
	A. E. Hackett	Station expenses.	5.19
	Erie R. R. Co.	Passenger transportation.	8.35
	Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.	.....do.	10.55
	Gulf, Colorado and Santa Fe Rwy. Co.	.....do.	6.25
	The Lake Shore and Michigan Southern Rwy. Co.	.....do.	70.20
	The Texas Pacific Rwy. Co.	.....do.	4.35
	Direct West India Cable Co. (Limited).	Telegraph services.	150.00
	H. R. Eley	Repairing telegraph line.	2.50
	People's Ice and Fuel Co.	Ice.	1.55
	Queen & Co. (Incorporated).	Alcohol.	5.00
	Charles P. Biggin Co.	Glass globes.	16.00
	R. D. Wilson	Heater.	15.50
	Yates & Co.	Oil.	12.16
	.....do.	.....do.	4.50
	Meyer & Anselm.	Erecting tower.	32.00
	H. H. Hodgson	Repairing typewriter.	16.70
	Morrison Tent and Awning Co.	Erecting awnings.	11.00
	Alexander-Yost Co.	Saws and ax.	4.25
	H. J. Green	Thermometers.	400.00
	W. J. Crawford	Drayage.	.90
	J. B. Lambie Co. (Incorporated).	Halyards.	40.30
	Adams Express Co.	Express charges.	10.55
	S. J. Venable	Map frames.	25.00
	.....do.	.....do.	21.00
	Woodward & Lothrop.	Rug.	45.00
	Estate of John C. Parker.	Letter presses.	124.32
	W. H. Butler Co.	Paint.	200.00
	R. Carter Ballantyne	Cardboard.	42.60
	J. S. Topham	Boxes.	12.50
	National Printers' Supply Co.	Brushes.	36.00
	Lamb & Tilden.	Rubber stamps.	1.01
	Southern Printers' Supply Co.	Repairs for printing press.	6.00
	National Electrical Supply Co.	Wood brackets.	12.50
	E. A. Brown.	Traveling expenses.	11.90
	H. E. Hobbs.	.....do.	17.00
	J. L. Bartlett	.....do.	13.62
	J. Warren Smith.	.....do.	2.95
	W. Goodall.	Seeding lawn.	5.00
	A. D. Carter.	Moving instrument shelter.	18.00
	John Paul.	Constructing river gauge.	20.00
	A. M. Ferguson.	Cutting grass, etc.	5.00
	Landis Electric Co.	Rewiring electric apparatus.	12.00
	A. Midgett.	Repairing telegraph line.	2.50
	Pittsburg Transfer Co.	Drayage.	6.50
	Postal Telegraph Cable Co.	Telegraph services.	1.47
	Chesapeake and Ohio Rwy. Co.	Passenger transportation.	57.00
	The Chicago and Alton Rwy. Co.	.....do.	4.85
	Carrabelle, Tallahassee and Georgia R. R. Co.	.....do.	3.25
	Atlantic Coast Line R. R. Co.	.....do.	5.70
	Terre Haute and Indianapolis R. R. Co.	.....do.	19.25
	Detroit and Mackinac Rwy. Co.	Freight charges.	4.48
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	.....do.	2.30
	The Oregon Railroad and Navigation Co.	.....do.	1.97
	Norfolk and Southern R. R. Co.	.....do.	.45
	Chesapeake and Ohio Rwy. Co.	.....do.	3.01
	Texas and Pacific Rwy. Co.	.....do.	8.21
	H. B. Gardner.	.....do.	2.98
	Disbursing clerk, Post-Office Department.	Post-route maps.	71.00
22	C. E. Linney	Traveling expenses.	9.90
	C. W. Flattery	.....do.	7.25
	R. D. Pettet.	.....do.	4.25
	F. R. Beaham.	Canoe hire.	6.00
	E. D. Emigh.	Drayage and cleaning carpet.	5.50
	Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation.	18.60
	.....do.	.....do.	8.60
	Union Pacific R. R. Co.	.....do.	109.00
	Western Union Telegraph Co.	Telegraph services.	2.50
	Rising Sun Telegraph Line.	.....do.	10.00
	Home Telephone Co.	.....do.	8.10
	Pacific States Telephone and Telegraph Co.	.....do.	2.50
	Corvallis and Eastern R. R. Co.	.....do.	50.00
	James White.	Repairing river gauge.	22.00
	J. C. Ellington, Jr.	Papering office rooms.	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 22	C. D. Widman & Co.....	Weather map, etc.....	\$375.00
	F. W. Hansen.....	Fire tools.....	1.00
	C. C. Garrett.....	Traveling expenses.....	18.15
	R. M. Hardinge.....	.....do.....	25.05
	Willis L. Moore.....	.....do.....	18.40
	B. H. Bronson.....	.....do.....	18.55
	G. R. Oberholzer.....	Station expenses.....	4.75
	F. Z. Gosewisch.....	.....do.....	.75
	Frank Ridgway.....	.....do.....	2.95
	Postal Telegraph Cable Co.....	Telegraph services.....	978.50
	Marthas Vineyard Telegraph Co.....	.....do.....	25.54
	Alabama, Mississippi, and Tennessee Tele- phone Co.....	.....do.....	6.50
	United Electric Gas and Power Co.....	Electric light.....	12.02
	John Lang.....	Repairing telegraph line.....	2.50
	A. Midgett.....	.....do.....	5.00
	.....do.....	.....do.....	2.50
	F. T. Ross.....	Ax and pick handles.....	3.00
	F. L. Kershaw.....	Platen.....	2.00
	Lackawanna Steel Co.....	Drayage.....	4.00
	Chapin & Simpson.....	Team hire and keeping horse.....	114.10
	Kelly & Co.....	Adding machine.....	3.00
	F. H. Smith.....	Cleaning motor.....	2.50
	E. B. Howerton.....	Cleaning furniture.....	8.00
	H. N. Loud.....	Wiring tower.....	13.50
	The Smith Premier Typewriter Co.....	Repairing typewriter.....	4.00
	J. C. Entwistle.....	Engraving rain chart.....	10.00
	F. A. Schmidt.....	Brushes.....	6.60
	Woodward & Lothrop.....	Millinet.....	13.75
	Edward Mullin.....	Rags.....	14.00
	Western Union Telegraph Co.....	Telegraph services.....	14,629.75
30	The N. Y. Marine Register, The World's Marine News Co.....	The N. Y. Marine Register.....	35.00
	A. W. Pugh.....	Traveling expenses.....	12.70
	J. A. Barwick.....	.....do.....	28.50
	Geo. L. Lovett.....	Office rent.....	105.00
	The Conrad National Bank.....	.....do.....	67.50
	A. Geiger.....	.....do.....	60.00
	Citizens Bank of Norfolk, Va.....	.....do.....	131.25
	Wm. Pollman.....	.....do.....	112.50
	F. E. Warren Mercantile Co.....	.....do.....	155.00
	Telephone Co. of South Jersey.....	Telephone services.....	5.00
	Columbia Telephone Co.....	.....do.....	6.00
	Kalispell Water and Electric Co.....	.....do.....	12.00
	The Inland Telephone and Telegraph Co.....	.....do.....	9.00
	Larned Telephone Co.....	.....do.....	3.00
	W. S. Rowe.....	.....do.....	3.00
	Elizabeth City Electric Light and Power Co.....	Electric current.....	6.25
	The Wichita Gas, Electric Light and Power Co.....	.....do.....	2.50
	State Journal Co.....	Printing climate and crop bulle- tin.....	22.75
	The Steffen-Bretch Co.....	Ice.....	3.05
	Al Brand.....	Station expenses.....	3.85
	C. L. Mills.....	Drayage.....	1.50
	J. P. Bolton.....	Drayage and telephone services.....	15.50
	The Pennsylvania R. R. Co.....	Passenger transportation.....	43.10
	Virginia and Truckee R. R. Co.....	.....do.....	18.80
	Chicago, Rock Island and Pacific Rwy. Co.....	.....do.....	80.42
	Chicago, Milwaukee and St. Paul Rwy. Co.....	.....do.....	6.92
	Southern Rwy. Co.....	.....do.....	44.25
	J. Wadin.....	Repairing doors and windows.....	363.35
	Farmers Deposit National Bank.....	Erecting instrument shelter.....	110.00
	The Anthony & Scovill Co.....	Paper.....	2.00
	Young Bros.....	Painting instrument shelter.....	9.00
	Norfolk and Western Rwy.....	Freight charges.....	1.45
	Niagara Gorge R. R. Co.....	.....do.....	.59
	Geo. Reeder.....	Traveling expenses.....	7.25
	A. B. Aymard.....	.....do.....	7.60
	A. B. Wollaber.....	.....do.....	35.30
	W. F. R. Phillips.....	.....do.....	17.75
	P. Connor.....	.....do.....	63.37
	A. H. Thiessen.....	.....do.....	40.73
	J. M. Sherrier.....	.....do.....	4.22
	C. F. Von Herrmann.....	Station expenses.....	12.55
	Thos. Gibson.....	Drayage.....	4.25
	R. M. Hardinge.....	.....do.....	7.25
	H. F. Alps.....	Drayage and washing towels.....	5.00
	Columbia Pump and Well Co.....	Gasoline engine.....	158.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
≡ 1904. June 30	Pacific States Telephone and Telegraph Co.	Telephone services.....	\$9.00
	Southern States Telephone Co.	.....do.....	9.50
	Southern Bell Telephone Co.	.....do.....	21.00
	A. Zappone.....	Passports.....	2.00
	.....do.....	Traveling expenses.....	12.15
	F. J. Walz.....	.....do.....	45.45
	D. P. McCallum.....	.....do.....	7.09
	Postal Telegraph Cable Co. of Texas.....	Telegraph services.....	55.14
	The Great Northwestern Telephone Co. of Canada.....	.....do.....	106.78
	Put in Bay Telegraph Co.....	.....do.....	28.53
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	.....do.....	5.63
	Chicago, Rock Island and Pacific Rwy. Co.....	.....do.....	5.05
	Western Union Telegraph Co.....	Building telegraph loop.....	40.31
	Jno. Martin & Co.....	Insulators, etc.....	7.50
	H. A. Poole.....	Horse hire.....	1.50
	Fred Bean.....	Traveling expenses.....	21.50
	B. F. Lacombe et al.....	Pay roll, printing office.....	2,475.82
	Total, quarter ending June 30, 1904.....		101,365.46
	<i>Supplemental.</i>		
July 7	F. H. Bigelow.....	Traveling expenses.....	5.05
	A. G. McAdie.....	.....do.....	15.70
	J. Warren Smith.....	.....do.....	6.40
	M. B. Stubbs.....	.....do.....	6.25
	J. H. Scott.....	.....do.....	6.25
	S. C. Calvert.....	.....do.....	8.25
	W. L. Moore.....	.....do.....	5.55
	W. M. Wilson.....	.....do.....	20.25
	A. J. Henry.....	.....do.....	10.25
	R. H. Alger.....	.....do.....	13.65
	H. H. Kimball.....	.....do.....	5.25
	J. W. Cronk.....	.....do.....	7.00
	H. C. Bate.....	Drayage, etc.....	5.75
	Chas. Stewart.....	Station expenses.....	1.15
	Frank Ridgway.....	.....do.....	2.50
	E. H. Nimmo.....	.....do.....	2.50
	Camelo Sevilla.....	Cleaning office.....	5.00
	Chicago Telephone Co.....	Telephone services.....	57.50
	The Rocky Mountain Bell Telephone Co.....	.....do.....	15.00
	Bell Telephone Co. of Buffalo.....	.....do.....	29.50
	Pacific States Telephone and Telegraph Co.....	.....do.....	18.00
	Mississippi Valley Telephone Co. of Iowa.....	.....do.....	6.00
	Lynchburg Telephone Co.....	.....do.....	3.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	20.00
	Michigan State Telephone Co.....	.....do.....	28.50
	Wichita Independent Telephone Co.....	.....do.....	7.50
	Pennsylvania Telephone Co.....	.....do.....	18.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	3.00
	Citizens Telephone Co. of Muskegon.....	.....do.....	6.00
	South Carolina Long Distance Telephone Co.....	.....do.....	10.00
	Benzie County Telephone Co.....	.....do.....	2.67
	Idaho Independent Telephone Co.....	.....do.....	7.50
	The Colorado Telephone Co.....	.....do.....	12.00
	Peninsular Telephone Co.....	.....do.....	8.25
	Pacific States Telephone and Telegraph Co.....	.....do.....	9.00
	The San Antonio Telephone Co.....	.....do.....	7.50
	The Southwestern Telegraph and Telephone Co.....	.....do.....	7.50
	Southern Bell Telephone and Telegraph Co.....	.....do.....	9.00
	Rocky Mountain Bell Telephone Co.....	.....do.....	8.25
	Michigan State Telephone Co.....	.....do.....	15.00
	West Virginia Western Telephone Co.....	.....do.....	4.50
	Central Union Telephone Co.....	.....do.....	13.50
	Pacific States Telephone and Telegraph Co.....	.....do.....	7.50
	Sunset Telephone and Telegraph Co.....	.....do.....	6.00
	Southwest Telegraph and Telephone Co.....	.....do.....	15.00
	Michigan State Telephone Co.....	.....do.....	28.33
	The Toledo Home Telephone Co.....	.....do.....	16.00
	Bell Telephone Co. of Buffalo.....	.....do.....	15.00
	Southern Bell Telephone and Telegraph Co.....	.....do.....	12.00
	York State Telephone Co.....	.....do.....	7.50
	New York and Pennsylvania Telephone and Telegraph Co.....	.....do.....	7.50
	The Southern New England Telephone Co.....	.....do.....	36.00
	E. L. Renoe.....	.....do.....	2.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. July 7	The National Loan and Exchange Bank of Columbia.	Office rent.....	\$150.00
	The Farmers National Bank of Fresno.....	do.....	94.50
	E. L. Renoe.....	do.....	100.00
	C. M. Beeson.....	do.....	88.91
	Walla Walla Lodge, No. 56, I. O. O. F.....	do.....	84.87
	Consolidated Improvement Co.....	do.....	165.00
	Marquette County Savings Bank.....	do.....	90.00
	Law Building Co.....	do.....	62.50
	Jacob Crocker.....	do.....	75.00
	Chicago Auditorium Association.....	do.....	437.50
	A. W. Kenzie.....	do.....	75.00
	Prudential Building Co.....	do.....	170.00
	Edgar Harding.....	do.....	118.33
	Paine Bros.....	do.....	77.70
	Dyal-Upchurch Investment Co.....	do.....	187.50
	A. J. Knight.....	do.....	82.19
	T. M. Jeffris & Co.....	do.....	125.00
	Fremont Lumber Co.....	do.....	87.75
	Frank Leddy, agent Malley Building.....	do.....	150.00
	Orson Adams, jr.....	do.....	120.00
	Peter Sonna.....	do.....	120.00
	O. I. Mairs.....	do.....	90.00
	Bank of Tehama County.....	do.....	99.06
	Yale Hicks, agent.....	do.....	120.00
	Union Trust Building Co. (Limited).....	do.....	167.50
	Estate of S. Marks & Co.....	do.....	84.75
	Dent & Butler.....	do.....	105.00
	Tacoma Chamber of Commerce and Board of Trade.....	do.....	75.00
	H. H. Taylor, agent Mills Building.....	do.....	622.50
	Vicente Gonzalez.....	do.....	160.00
	International Ocean Telegraph Co.....	Telegraph services.....	160.14
	Ocean Towboat Line.....	do.....	2.00
	Pacific States Telephone and Telegraph Co.....	do.....	5.50
	Central District and Printing Telegraph Co.....	do.....	19.40
	A. E. Outerbridge.....	Passenger transportation.....	55.00
	San Antonio Gas and Electric Co.....	Electric light.....	3.12
	Tampa Electric Co.....	do.....	3.00
	Eureka Lighting Co.....	do.....	15.00
	W. S. Bricker.....	Electric current.....	12.50
	J. F. Byrne.....	do.....	12.50
	Light and Power Commission.....	do.....	8.55
	Leader Publishing Co.....	Printing climate and crop bulletins.....	27.00
	Munger's Laundry Co.....	Towel supply.....	6.00
	F. L. Knight.....	Washing towels.....	1.50
	A. L. Crumpton.....	do.....	.75
	M. Johnston.....	do.....	2.50
	G. A. Barnett.....	Ice.....	4.50
	Mount Washington Rwy. Co.....	Ground rent.....	5.00
	Western Union Telegraph Co.....	Repairing telegraph loop.....	3.60
	A. Midgett.....	Team hire.....	2.50
	G. E. Plaster, jr.....	Hauling supplies.....	30.00
	Forsberg & Murray.....	Repairing boiler.....	25.00
	C. R. Edmonston.....	Cuspidors.....	18.76
	Rudolph, West & Co.....	Staples.....	1.30
	Illinois District Telegraph Co.....	Delivering bulletins.....	15.00
	F. C. Serenson.....	Erecting fence.....	85.00
	California Notion and Toy Co.....	Wireless telegraph supplies.....	2.25
	The John M. Klein Electric Works.....	do.....	1.40
	Alexander-Yost Co.....	do.....	3.00
	F. D. Pettet.....	Papering rooms.....	88.00
	The Tuttle Paint and Glass Co.....	Repairing furniture and instrument shelter.....	18.00
	Alexander-Yost Co.....	Wireless telegraph supplies.....	3.00
	Electric Railway and Manufacturers Supply Co.....	do.....	4.00
	Goodyear Rubber Co.....	do.....	1.65
	John A. Roebbing's Sons Co.....	do.....	8.05
	The John M. Klein Electric Works.....	do.....	13.00
	J. S. Stahl.....	Repairing typewriter.....	4.50
	Smith Premier Typewriter Co.....	do.....	6.00
	J. V. Oldham.....	Repairing river gauge.....	2.00
	T. S. Crane.....	Painting walls and ceilings.....	347.00
	W. H. Light.....	Repairing roof of building.....	520.00
	Henry Cleveland.....	Furnishing and planting hedge fence.....	175.00
	Cramp & Co.....	Erecting lantern support.....	20.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. July, 7	J. W. Graham & Co.	Ink	\$1.75
	Baltimore Journal of Commerce	Baltimore Journal of Commerce	2.75
	Keuffel & Esser Co.	Chartometer	2.88
	L. F. Sulpice	Repairing galley	1.00
	Victor Rost	Repairing barograph	7.00
	Carl Adler	Ink and mucilage	3.00
	John Kitchen, Jr., Co.	Binding publications	15.00
	F. W. Himsey	Repairing roof apparatus	9.00
	Oliver Typewriter Exchange	Repairing typewriter	11.50
	J. D. Thorpe	Repairing clock	1.50
	John Muhlfield	Constructing river gauge	3.00
	Millison Office Supply Co.	Repairing typewriter	3.28
	G. E. Plaster, jr.	Storage, hay, etc.	54.15
	H. C. Hamill	Repairing clock, etc.	2.00
	Farmers Deposit National Bank	Shelving, etc.	40.00
	Cook & Arthur	Constructing river gauge	34.00
	A. H. Thiessen	Traveling expenses	5.05
	E. A. Beals	do	25.09
	W. J. Olds	do	24.32
	H. S. Cole	do	24.30
	G. N. Wilson	do	5.75
	do	Drayage	1.05
	H. C. Bate	do	2.40
	O. Parker	Station expenses	11.16
	C. A. Blummer	Cleaning office	15.00
	Wells Fargo & Co. Express	Express charges	78.97
	G. A. Barton	Renovating office	9.75
	J. P. Geary	Installing instrument supports	20.00
	P. A. F. Walter	Rent of post-office box	1.50
	Town of Flagstaff	Water supply	8.00
12	James B. Lambie Co. (Incorporated)	Nails, wire, etc.	42.79
	Lamb & Tilden	Rubber stamps	3.79
	United States Express Co.	Express charges	14.70
	do	do	17.98
	Adams Express Co.	Freight charges	7.75
	The Smith Premier Typewriter Co.	Repairing typewriter	9.50
	do	do	14.20
	do	Parts for typewriter	4.60
	do	Repairing typewriter	20.00
	do	do	22.00
	R. P. Andrews & Co. (Incorporated)	Paper	110.76
	W. B. Moses	Desks, tables, and chairs	80.90
	National Electrical supply Co.	Lightning arrester	1.10
	Woodward & Lothrop	Desks and chairs	235.49
	Chelsea Carpet Cleaning and Storage Co.	Cleaning carpet	18.00
	Allen, Stephenson & Co.	Stand for automatic river recorder	10.25
	Wm. Curry's Sons	Brooms, mops, etc.	5.00
	Maverick-Clarke Litho Co.	Ink	1.50
	Wm. Curry's Sons	Oil and Grease	6.50
	H. R. Parker	Horse hire	2.00
	F. K. Crippen	Repairing telegraph line	5.00
	W. B. Knight	Repairing instrument shelter	1.00
	Haugh & Keenan S. and T. Co.	Drayage	20.00
	A. Midgett	Repairing telephone line	5.00
	New Telephone Co.	Telephone service	10.00
	Central Union Telephone Co.	do	18.00
	New England Telephone and Telegraph Co.	do	29.00
	New York Telephone Co.	do	60.00
	Jacksonville Telephone Co.	do	7.50
	Nebraska Telephone Co.	do	15.00
	Santa Fe Electric Telephone Co.	do	6.00
	Citizens Telephone Co.	do	13.25
	New England Telephone and Telegraph Co.	do	2.50
	The Bell Telephone Co. of Buffalo	do	4.40
	Florida East Coast Rwy. Co.	Passenger transportation	8.50
	Delaware, Lackawanna and Western R. R. Co.	do	10.95
	Boulton, Bliss & Dallett	do	50.00
	Seaboard Air Line Rwy.	do	7.75
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	45.55
	Chicago and Northwestern Rwy. Co.	do	29.14
	The Wabash R. R. Co.	do	7.50
	St. Louis and San Francisco R. R. Co.	do	34.75
	California Northwestern Rwy. Co.	do	11.00
	Washington Southern Rwy. Co.	do	3.50
	The Baltimore and Ohio R. R. Co.	do	24.45
	The Texas Pacific Rwy. Co.	do	20.95
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do	18.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 12	Atlantic Coast Line R. R. Co.	Passenger transportation.	\$30.15
	Pacific Mail Steamship Co.	do.	75.00
	Pennsylvania Co.	do.	11.00
	The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	46.50
	Dexter Horton.	Office rent.	120.00
	T. B. Catron.	do.	105.00
	The Royal Mail Steam Packet Co.	Rent of roof.	12.00
	Jacksonville Towel Co.	Washing towels.	3.00
	The R. L. Bryan Co.	Printing climate and crop bulletins.	52.00
	The H. & W. B. Drew Co.	do.	63.05
	Robert Tyler.	do.	10.00
	Muckerman Ice and Coal Co.	Ice.	3.90
	Grant Rivenburg.	do.	2.73
	Lincoln Traction Co.	Electric current.	13.50
	Illinois Central R. R. Co.	Freight charges. ....	.74
	do.	do.	1.06
	do.	do. ....	.75
	do.	do. ....	.21
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	2.50
	do.	do.	8.19
	Chicago, Burlington and Quincy Rwy. Co.	do.	5.95
	do.	do. ....	.33
	San Pedro, Los Angeles and Salt Lake R. R. Co.	do.	10.52
	Rome, Watertown and Ogdensburg R. R.	do.	18.83
	Wabash R. R. Co.	do. ....	.70
	Baltimore and Ohio Southwestern R. R. Co.	do.	3.16
	Union Pacific R. R. Co.	do.	22.32
	New York, New Haven and Hartford R. R. Co.	do.	2.37
	Town of New Shoreham.	do.	1.25
	New York, Texas and Mexico Rwy. Co.	do.	1.54
	The Denver and Rio Grande R. R. Co.	do.	1.08
	Pennsylvania R. R. Co.	do.	5.03
	Detroit and Mackinac Rwy. Co.	do.	2.72
	Mari copa and Phoenix and Salt River Valley R. R. Co.	do. ....	.25
	A. H. Thiessen.	Traveling expenses.	49.20
	A. Zappone.	do.	11.32
	T. L. Bridges.	do.	26.24
	Pacific States Telephone and Telegraph Co.	Telephone services.	25.50
	New England Telephone and Telegraph Co.	do.	14.25
	Flagstaff Mutual Telephone Co.	do.	8.00
	Southern Bell Telephone and Telegraph Co.	do.	15.00
	do.	do.	9.00
	Independent Telephone Co.	do.	7.00
	Wytheville Telephone Co.	do.	3.75
	The Southern Bell Telephone and Telegraph Co.	do.	15.00
	The Indianapolis Gas Co.	Office rent.	256.25
	Asheville Library Association.	do.	75.00
	John B. Smith.	do.	75.00
	Bank of Wytheville, Va.	do.	100.00
	Pacific Club.	do.	65.75
	Los Angeles Trust Co.	do.	195.00
	The Chemical Building Co.	do.	450.00
	Michigan Trust Co. Building.	do.	350.00
	American Surety Co. of New York.	do.	875.00
	Charleston Consolidated Rwy., Gas, and Electric Co.	Electric light.	8.75
	Georgetown Electric Co.	do.	8.75
	Charleston Consolidated Rwy., Gas, and Electric Co.	do.	8.75
	Minneapolis General Electric Co.	Electric current.	15.00
	The Union Ice Co.	Ice.	9.10
	Lone Star Ice Co.	do.	4.55
	John Ferguson.	do.	3.35
	J. F. Beck.	Washing towels.	3.00
	Joe Campbell.	do.	2.25
	A. O. Fischer.	Team hire.	2.00
	W. H. H. Smith.	do.	6.00
	Hoke Engraving Plate Co.	Casting box.	18.00
	The Electric Storage Battery Co.	Wireless telegraph supplies.	2.29
	Tualatin Mill Co.	Constructing river gauge.	30.00
	H. S. Crocker Co.	Ink.	2.00
	Pacific States Telephone and Telegraph Co.	Rent of conduit.	35.10
	Chapman & Jakeman.	Cleaning clock.	2.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 12	Palestine Hardware Co.	Water cooler.	\$3.50
14	Treasurer of the United States	Constructing walks, etc., Yellowstone Park, Wyo.	523.15
15	E. A. Evans	Traveling expenses.	14.00
	W. E. Bonnett	do.	9.05
	M. Wright	do.	2.00
	T. F. Townsend	Station expenses.	10.50
	do.	do.	5.50
	F. McDonough	Drayage and washing towels.	1.85
	T. B. Jennings	Drayage, etc.	2.50
	J. J. Kelliher	Drayage.	1.00
	J. R. Weeks	do.	1.00
	G. A. Loveland	Station expenses.	11.75
	A. Ashenberger	Drayage and oil.	1.45
	L. M. Pindell	Drayage.	.50
	J. F. Newsom	Drayage, etc.	.90
	A. G. Burns	Drayage.	.50
	S. W. Glenn	Station expenses.	4.06
	E. R. Demain	do.	4.55
	F. H. Brandenburg	Gasoline and repairing rain gauge.	.90
	A. H. Bell	Station expenses.	14.45
	A. L. Brockway	do.	3.65
	R. M. Geddings	do.	2.25
	J. W. Byram	do.	11.50
	N. R. Taylor	do.	2.25
	F. W. Conrad	Drayage.	.75
	L. M. Tarr	Drayage and washing towels.	4.65
	W. M. Fulton	Station expenses.	17.00
	F. Newman	Drayage.	.75
	J. C. Piercy	do.	1.50
	G. N. Salisbury	do.	1.55
	R. H. Sullivan	Drayage, etc.	1.55
	W. T. Blythe	Station supplies and expenses.	73.78
	T. S. Outram	Drayage, etc.	6.55
	P. H. Smyth	Station expenses.	3.40
	W. G. Burns	Express charges.	11.55
	L. N. Jesunofsky	Drayage.	1.25
	T. S. Collins	do.	1.00
	B. Bunnemeyer	Station expenses.	3.90
	E. L. Wells	Washing towels.	.75
	Campbell Printing Press and Manufacturing Co.	Repairing printing press.	265.71
	Cumberland Telephone and Telegraph Co.	Telephone services.	10.00
	The Diamond State Telephone Co.	do.	6.25
	Chesterfield Telephone and Telegraph Co.	do.	7.70
	Home Telephone Co.	do.	7.50
	Maryland Telephone and Telegraph Co.	do.	18.00
	Hudson River Telephone Co.	do.	16.50
	Sunset Telephone and Telegraph Co.	do.	15.00
	Southwestern Telegraph and Telephone Co.	do.	15.00
	Mutual Telephone Co.	do.	11.25
	Cumberland Telephone and Telegraph Co.	do.	29.85
	do.	do.	12.30
	do.	do.	7.30
	The Southwestern Telegraph and Telephone Co.	do.	18.00
	Southern Bell Telephone and Telegraph Co.	do.	12.00
	do.	do.	21.50
	Fayette Home Telephone Co.	do.	4.50
	Empire State Telephone and Telegraph Co.	do.	7.50
	East Tennessee Telephone Co.	do.	9.00
	The Bell Telephone Co. of Philadelphia	do.	17.25
	Kinloch Telephone Co.	do.	15.00
	Zenith City Telephone Co.	do.	7.50
	Rocky Mountain Bell Telephone Co.	do.	9.00
	Cumberland Telephone and Telegraph Co.	do.	21.00
	Pacific States Telephone and Telegraph Co.	do.	4.50
	Cumberland Telephone and Telegraph Co.	do.	16.50
	Central Union Telephone Co.	do.	10.50
	Southern Bell Telephone and Telegraph Co.	do.	12.00
	The Cleveland Telephone Co.	do.	33.00
	The Northwestern Telephone Exchange Co.	do.	33.00
	East Tennessee Telephone Co.	do.	12.00
	E. S. Allen	do.	12.00
	The Colorado Telephone Co.	do.	28.50
	Missouri and Kansas Telephone Co.	do.	30.00
	Iowa Telephone Co.	do.	15.00
	Ontario Telephone Co.	do.	15.00
	Southern Bell Telephone and Telegraph Co.	do.	12.00
	Missouri and Kansas Telephone Co.	do.	6.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 15	Sunset Telephone and Telegraph Co.....	Telephone services.....	\$18.00
	Louisville Home Telephone Co.....	do.....	12.00
	Southern Bell Telephone and Telegraph Co.....	do.....	7.50
	Wisconsin Telephone Co.....	do.....	15.00
	Southern Bell Telephone and Telegraph Co.....	do.....	12.00
	The Bell Telephone Co. of Missouri.....	do.....	33.00
	The Keystone Telephone Co. of Philadelphia.....	do.....	20.00
	Duluth Telephone Co.....	do.....	15.00
	The Bluff City Telephone Co.....	do.....	15.00
	The Columbus Citizens Telephone Co.....	do.....	10.00
	Black Hills Telegraph and Telephone Co.....	do.....	21.00
	Sunset Telephone and Telegraph Co.....	do.....	15.00
	Southern Utah Telephone Co.....	do.....	5.00
	New England Telephone and Telegraph Co.....	do.....	8.25
	Michigan State Telephone Co.....	do.....	7.50
	Nebraska Telephone Co.....	do.....	21.00
	Palestine Telephone Co.....	do.....	9.00
	New York and Pennsylvania Telephone and Telegraph Co.....	do.....	12.00
	Cumberland Telephone and Telegraph Co.....	do.....	19.50
	Southern Bell Telephone and Telegraph Co.....	do.....	24.00
	Central Union Telephone Co.....	do.....	15.00
	Asheville Telephone and Telegraph Co.....	do.....	10.00
	Michigan State Telephone Co.....	do.....	8.00
	E. V. Hauser.....	do.....	10.50
	The Central District and Printing Telegraph Co.....	do.....	35.75
	New England Telephone and Telegraph Co.....	do.....	14.25
	Michigan State Telephone Co.....	do.....	2.50
	Pacific States Telephone and Telegraph Co.....	do.....	39.00
	Southern Bell Telephone and Telegraph Co.....	do.....	7.50
	New England Telephone and Telegraph Co.....	do.....	2.80
	Northwestern Telephone Exchange Co.....	do.....	6.00
	Alabama, Mississippi and Tennessee Tele- phone Co.....	do.....	6.50
	Sunset Telephone and Telegraph Co.....	do.....	6.00
	R. L. Lewis.....	do.....	24.00
	R. E. Pollock.....	Traveling expenses.....	14.75
	Cherry County Telephone Co.....	Telephone services.....	7.50
	Astoria Electric Co.....	Electric light.....	4.00
	E. A. Born.....	do.....	27.75
	Northern California Power Co.....	do.....	4.50
	Improvement Loan and Trust Co.....	do.....	8.75
	Havre Electric Light Co.....	do.....	60.00
	Menominee and Marinette Light and Trac- tion Co.....	do.....	2.00
	O. C. G. Urban.....	do.....	4.00
	do.....	do.....	12.50
	Phoenix Light and Fuel Co.....	do.....	7.78
	J. E. Miller & Son.....	do.....	3.00
	Sociedad Anonima Luz Electrica.....	do.....	21.60
	Port Huron Light and Power Co.....	do.....	1.50
	H. N. Loud.....	do.....	6.00
	Washington Electric Light and Power Co.....	do.....	10.00
	Board of Fire and Water Commissioners.....	do.....	2.24
	Power Department.....	do.....	5.00
	Ashland Light, Power and Street Railway Co.....	do.....	17.50
	The Culver Construction Co.....	do.....	12.50
	Green Bay Light and Power Co.....	do.....	6.25
	Agricultural and Mechanical College of Ken- tucky.....	do.....	3.00
	M. V. Hughes.....	do.....	9. 0
	People's Gas and Electric Co. of Oswego.....	do.....	4.19
	United Electric Light and Power Co.....	do.....	7.00
	Annapolis Gas and Electric Light Co.....	do.....	9.00
	Nantucket Gas and Electric Co.....	do.....	1.40
	Cape May Light and Power Co.....	do.....	3.56
	Consolidated Electric Light Co. of Maine.....	do.....	37.50
	Asheville Electric Co.....	do.....	3.66
	Nashville Railway and Light Co.....	Electric current.....	15.00
	Consolidated Gas Co. of New Jersey.....	do.....	8.86
	Indianapolis Light and Power Co.....	do.....	18.00
	The Raleigh Electric Co.....	do.....	4.50
	Galveston Gas Co.....	Gaslight.....	8.70
	Standard Gas and Electric Co.....	do.....	10.05
	Nashville Gas Co.....	do.....	8.10
	Buffalo Gas Co.....	do.....	4.10
	Margaret Parmentier.....	Office rent.....	74.25
	E. D. Osborn.....	do.....	125.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.	Ed S. Hughes & Co.	Office rent.....	\$95.45
July 15	Improvement Loan and Trust Co.	.....do.....	206.25
	Cleary Bros.	.....do.....	135.00
	Henry Bolton	.....do.....	52.84
	F. L. Keating	.....do.....	96.00
	The First National Bank, Portland, Me.	.....do.....	126.00
	Department of the Interior of Porto Rico.	.....do.....	150.00
	Walter Talbot	.....do.....	120.00
	City of Palestine, Tex.	.....do.....	78.50
	B. S. Williams	.....do.....	73.00
	J. K. Porter	.....do.....	150.00
	Emily Culbertson	.....do.....	127.50
	Albert Marty	.....do.....	165.00
	F. D. Miracle	.....do.....	147.00
	K. F. Coke	.....do.....	60.00
	J. L. Connell	.....do.....	118.75
	Society for Savings	.....do.....	285.00
	Mill Valley and Mount Tamalpais Scenic Rwy.	.....do.....	105.00
	Jose Valenti	.....do.....	75.00
	Empire Building Trust	.....do.....	279.00
	The Hayden Co.	.....do.....	300.00
	Fraternal Hall Association	.....do.....	105.00
	Estate of J. G. Hatch	.....do.....	82.75
	Title Guarantee Loan and Trust Co.	.....do.....	180.00
	D. Hope Ross	.....do.....	72.00
	Northwestern Mutual Life Insurance Co. of Milwaukee, Wis.	.....do.....	125.00
	Clinckett & Coates	.....do.....	69.25
	D. L. Buhne, G. C. Buhne, M. C. Pratt, S. C. Buhne.	.....do.....	92.20
	Wm. Curry's Sons	Rent of boathouse.....	24.00
	A. S. Cook	Office rent.....	90.00
	Kathrina Wagner	.....do.....	75.00
	Cumberland Telephone and Telegraph Co.	Telephone services.....	15.60
	Home Telephone Co.	.....do.....	10.40
	The Ohio River Telephone Co.	.....do.....	15.40
	East Tennessee Telephone Co.	.....do.....	14.10
	.....do.....	.....do.....	15.60
	Postal Telegraph-Cable Co. of Texas	Telegraph services.....	113.81
	Townsend Gas and Electric Co.	Electric light.....	7.50
	R. G. Thomas	Washing towels.....	3.00
	J. P. Geary	Horse hire.....	10.00
	J. I. Widmeyer	Station expenses.....	1.85
	J. W. Bauer	.....do.....	4.70
	W. S. Currier	.....do.....	2.25
	Pensacola, substations.	Pay roll.....	36.00
	Buffalo, substations.	.....do.....	108.00
	Norfolk, substations.	.....do.....	135.00
	La Crosse Telephone Co.	Telephone services.....	7.50
	Wisconsin Telephone Co.	.....do.....	3.75
	The Northwestern Telephone Exchange Co.	.....do.....	21.00
	Twin City Telephone Co.	.....do.....	12.00
	Northwestern Telephone Exchange Co.	.....do.....	10.50
	E. T. Pennoyer	Office rent.....	6.25
	Chamber of Commerce Building Co.	.....do.....	93.21
	Humboldt County, Nev.	.....do.....	67.00
	J. E. Dooley	.....do.....	150.00
	The First National Bank of Moorhead	.....do.....	66.31
	C. J. Buell	.....do.....	94.50
	A. A. Finck	Printing climate and crop bulletins.	26.00
	Statesman Printing Co.	.....do.....	101.50
	Vicksburg Herald	.....do.....	52.00
	Acme Publishing Co.	.....do.....	38.50
	A. Lynne é hijos de Perez Moris	.....do.....	78.00
	The Schnepf & Lauer Co.	.....do.....	45.00
	Dunn & Lemmon	.....do.....	33.00
	Times-Journal Publishing Co.	.....do.....	39.00
	Bennett Printing House	.....do.....	52.00
	World Publishing Co.	.....do.....	33.00
	St. Louis Toilet Supply Co.	Towel supply.....	4.50
	C. A. Johnson	.....do.....	3.00
	J. H. Groot	.....do.....	3.00
	The American Toilet Supply Co.	.....do.....	2.25
	Eastern Towel Supply Co.	.....do.....	6.00
	Nashville Laundry Co.	.....do.....	1.80
	Long's Towel Supply	Washing towels.....	3.00
	L. E. Wilson	.....do.....	1.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 15	Dora Moyer	Washing towels	\$6.00
	Omaha Towel Co.	do	3.00
	Baltimore Towel Supply Co.	do	2.25
	C. D. Cass	do	3.00
	C. G. Le Clair	Ice supply	1.00
	The Huron Ice Co.	do	3.50
	The Union Ice Co.	do	9.10
	W. B. Lount	do	7.60
	Lytle Water Co.	do	3.00
	Consumers Ice Co.	do	4.50
	Geo. A. Von Blucher	do	4.55
	American Ice Co.	do	2.05
	Consumers Ice and Fuel Co.	do	1.60
	Capital Ice Co.	do	3.90
	Peoples Ice and Fuel Co.	do	1.40
	C. J. Chilver	do	3.00
	Clem Jaycocks	do	9.10
	City Delivery Co.	do	4.55
	H. K. Eagleson	do	2.50
	Johnson & Johnson	do	2.00
	Peleg Brown	Team hire	5.00
	E. O. Neal	do	2.00
	J. R. Hobbs	Horse hire	5.00
	W. W. Best	Repairing telegraph line	7.00
	Louis Hendricks	do	5.00
	Duluth Van and Storage Co.	Drayage, etc.	14.00
	H. A. Brossard	do	3.75
	C. W. Harris	Kalsomining walls, etc.	98.00
	A. M. Ferguson	Boat hire, etc.	11.50
	E. A. Little	Cleaning carpet	1.65
	J. B. Fickett & Co.	Benzine	1.50
	Ithaca Calendar Clock Co.	Cleaning triple register clock	2.00
	Gustaf Forsberg	Painting instrument shelter	2.25
	A. B. Kennedy	Cleaning thermograph clock	1.00
	F. H. Kinsman	Renovating office	4.05
	Richard Peacon	Gasoline and kerosene	19.90
	Jones House-Furnishing Co.	Sectional bookcase	53.90
	Gamble & Ludwig	Gasoline	.75
	A. E. Porter	Renovating office rooms	9.25
	H. J. Boel	Renovating furniture	6.39
	Citizens Bank of Norfolk, Va.	Making and repairing awnings	12.35
	C. B. Little	Water supply	11.00
	J. B. Ansbury	Painting river gauge	17.00
	F. G. and A. Howald	Repairing chairs	10.00
	Scarritt Comstock Furniture Co.	Desk	21.00
	C. C. Ranson	Repairing telegraph line	2.50
	J. W. Duncan	Adjusting river gauge	1.50
	J. A. Mott	Concreting cellar floor	99.00
	Neil Ferguson	Drayage	.25
	Rising Sun Telegraph Line	Telegraph services	2.60
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do	10.00
	The Direct West India Cable Co. (Limited)	do	154.18
	The Moncure and Pittsboro Telegraph Co.	do	7.40
	The Great Northwestern Telegraph Co. of Canada	do	131.07
	Jacksonville and St. Johns Bar Telegraph Line	do	17.50
	Corvallis & Eastern R. R. Co.	do	2.60
	Postal Telegraph-Cable Co.	do	938.51
	Western Union Telegraph Co.	do	13,774.55
20	Gaut-Ogden Co.	Repairing typewriter	8.00
	W. Ellis	Cleaning office	9.00
	J. T. Myers	do	15.00
	W. A. Bond	Asbestos covering for pipes	30.00
	Lamb & Tilden	Rubber stamps	1.01
	G. L. Gibson	Transportation	175.00
	Chapin & Simpson	Drayage and livery service	100.50
23	B. L. Waldron	Drayage and washing towels	1.70
	R. J. McMaster	Services	15.00
	Mill Valley and Mt. Tamalpais Scenic Rwy.	do	15.00
	New Haven, substations	Pay roll	48.00
	Macon, substations	do	43.50
	Rocky Mountain Bell Telephone Co.	Telephone services	15.00
	East Tennessee Telephone Co.	do	9.00
	Southwestern Telegraph and Telephone Co.	do	21.00
	Georgia Telephone and Telegraph Co.	do	15.00
	Cumberland Telephone and Telegraph Co.	do	48.00
	Rocky Mountain Bell Telephone Co.	do	12.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 23	Iowa Telephone Co.	Telephone services.	\$7.70
	The City and Suburban Telegraph Association.	do.	21.00
	Peoples Telephone and Telegraph Co.	do.	7.50
	Dakota Central Telephone Lines (incorporated).	do.	94.40
	Capital Telephone and Telegraph Co.	do.	4.50
	Southwestern Telegraph and Telephone Co.	do.	9.00
	The Topeka Independent Telephone Co.	do.	9.00
	The Delaware and Atlantic Telegraph and Telephone Co.	do.	12.00
	East Tennessee Telephone Co.	do.	36.10
	Rocky Mountain Bell Telephone Co.	do.	14.60
	North Montana Telephone Co.	do.	14.20
	Central New York Telephone and Telegraph Co.	do.	20.00
	Southwestern Telegraph and Telephone Co.	do.	18.00
	Southern Bell Telephone and Telegraph Co.	do.	12.00
	Wisconsin Telephone Co.	do.	30.00
	Cumberland Telephone and Telegraph Co.	do.	12.00
	W. H. Dann.	Office rent.	72.00
	Manitowoc Electric Co.	Electric light.	18.00
	Electric Lighting Co. of Mobile.	do.	1.86
	The Milwaukee Electric Railway and Light Co.	do.	12.50
	Kenosha Gas and Electric Co.	do.	17.50
	The Citizens Gas and Electric Co.	do.	3.76
	Sturgeon Bay Electric Light Plant.	do.	11.00
	Sheboygan Light, Power, and Railway Co.	do.	11.00
	Max Levy.	Electric current.	30.00
	Cumberland Telephone and Telegraph Co.	Telegraph services.	150.10
	Chicago, Rock Island and Pacific Rwy. Co.	do.	10.43
	Pacific States Telephone and Telegraph Co.	do.	7.80
	R. G. Sleater.	Printing climate and crop bulletins.	52.00
	Naegle & Co.	do.	22.50
	Consumers Ice Co.	Ice.	3.85
	American Linen Supply Co.	Towel supply.	3.00
	H. A. Poole.	Repairing telegraph line.	3.00
	Remington Typewriter Co.	Repairing typewriter.	3.50
	W. Sharpe.	Repairing platform, etc.	30.00
	Pacific States Type Foundry.	Type.	20.00
	The General Cartage and Storage Co.	Drayage.	8.00
	A. R. Derge & Co.	Ink.	3.50
	Missouri Pacific Rwy. Co.	Freight charges.	1.12
	do.	do.	14.98
	do.	do.	3.18
	New York Central and Hudson River R. R. Co.	do.	4.82
	do.	do.	.45
	Louisville and Nashville R. R. Co.	do.	.78
	do.	do.	3.88
	Albany and Vicksburg Rwy.	do.	4.36
	do.	do.	.63
	New Orleans and Northeastern R. R.	do.	.97
	do.	do.	.96
	Southern Rwy. Co.	do.	10.71
	Burlington and Missouri River R. R. in Nebraska.	do.	11.66
	Norfolk and Washington Steamboat Co.	do.	11.13
	Great Northern Rwy. Co.	do.	2.45
	Colorado Midland Rwy. Co.	do.	9.09
	Western Railway of Alabama.	do.	4.67
	Town of New Shoreham.	do.	2.69
	El Paso and Southwestern R. R. Co.	do.	6.10
	Boston and Maine R. R.	do.	.92
	Chicago and Northwestern Rwy. Co.	do.	9.25
	G. T. Todd.	Drayage.	5.50
	F. A. Carpenter.	Drayage and washing towels.	9.30
	E. A. Beals.	Drayage, etc.	6.60
	Philadelphia, substations.	Pay roll.	79.00
	Southern Bell Telephone and Telegraph Co.	Telephone services.	8.25
	Sunset Telephone and Telegraph Co.	do.	4.50
	Joseph Bryan.	Office rent.	150.00
	City of Milwaukee.	Electric light.	12.50
	City of South Haven, Mich.	do.	12.50
	City of Grand Haven.	do.	18.00
	Muskegon Traction and Lighting Co.	do.	15.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 23	The Crystal Ice Co.	Ice	\$2.60
	P. Binder	do	3.00
	Densmore Typewriter Co.	Repairing typewriter	1.50
	W. S. Belden	Traveling expenses	23.08
	L. H. Murdoch	Drayage	10.75
	M. E. Conway	do .....	.50
	W. J. Olds	Drayage and washing towels .....	.75
	L. A. Denson	Station expenses	2.25
	H. D. Pillichody	Services	30.00
	Atlanta, substations	Pay roll	167.20
	Charleston, substations	do	60.80
	do	do	30.90
	Indianapolis, substations	do	180.20
	Jacksonville, substations	do	75.00
	New York, substations	do	45.00
	Boston, substations	do	791.25
	Charleston, substations	do	77.85
	Chicago, substations	do	345.80
	Harrisburg, substations	do	129.50
	Atlanta, substations	do	71.25
	Savannah, substations	do	151.60
	S. W. Lightner	Services	30.00
	New Orleans, substations	Pay roll	211.20
	do	do	128.40
	A. L. Brockway	Traveling expenses	34.27
	J. H. Robinson	do	31.37
	B. H. Bronson	do	17.90
	W. S. Belden	Station expenses	7.05
	H. C. Bate	Drayage	3.02
	J. R. Williams	do	1.25
	F. P. Chaffee	do	1.70
	E. H. Emery	Station expenses	17.75
	I. M. Cline	do	8.95
	G. E. Grimes	do	1.55
	J. E. Harris	Services	16.00
	A. G. Mile	do	10.00
	M. A. Webster	do	15.00
	Southern Bell Telephone and Telegraph Co.	Telephone services	7.80
	Northwestern Telephone Exchange Co.	do	9.00
	Consolidated Telephone Co.	do	5.00
	Amarillo Telephone Co.	do	9.00
	Washington County Telephone Co.	do	7.30
	The Colorado Telephone Co.	do	13.50
	A. B. Smith	Office rent	85.35
	G. W. O'Brien	do	18.00
	E. P. Jones	do	25.00
	Morgan City Improvement Co. (Limited)	Electric light	7.50
	Narragansett Pier Electric Light and Power Co.	do	11.94
	Chicago Edison Co.	do	16.49
	The Seattle Electric Co.	do	3.60
	P. H. Cheney & Sons	do	4.69
	Duluth General Electric Co.	do	23.65
	Alpena Electric Light Co.	do	4.00
	Charlevoix Electric Light Plant	do	4.50
	Manistee Gas and Electric Co.	do	7.50
	New Orleans and Carrollton Railroad, Light, and Power Co.	do	4.50
	The Atlantic Electric Light and Power Co.	do	19.61
	Houghton County Electric Light Co.	do	4.64
	The Commercial Electric Co.	do	5.26
	Mutual Light and Water Co.	do	7.20
	Stearns Lighting and Power Co.	do	11.25
	Benton Harbor and St. Joseph Electric Rwy. and Light Co.	do	12.50
	Nels. Johnson	Ice	3.00
	Jno. H. Cunningham	do	6.00
	The Consumers Ice Co.	do	5.00
	Williamson Towel Supply Co.	Washing towels	3.00
	A. Klein	do	2.00
	Fowler Manufacturing Co. (Limited)	Towel supply	3.00
	M. T. Hayden	Washing towels	3.00
	Summers Printing Co.	Printing climate and crop reports	49.80
	Marthas Vineyard Telegraph Co.	Telegraph services	26.77
	Paul De Graw	Subsistence, rent, etc.	62.25
	Adams Express Co.	Express charges	5.60
	James Jones	Traveling expenses	17.65
	J. J. Gray	do	2.75
	C. L. Maxwell	Telephone services	21.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 31	L. C. Cover.....	Station expenses.....	\$7.75
	N. B. Conger.....	do.....	10.14
	E. A. Brown.....	Window curtains, etc.....	6.25
	H. B. Dick.....	Station expenses.....	5.30
	M. E. Blystone.....	do.....	10.03
	W. E. Bonnett.....	Washing towels.....	3.00
	W. S. Palmer.....	Station expenses.....	7.85
	A. J. Lewis.....	Services.....	10.00
	Mary Wolf.....	do.....	15.00
	Baltimore, substations.....	Pay roll.....	85.00
	Portland, substations.....	do.....	90.00
	Milwaukee, substations.....	do.....	120.00
	Dubuque Telephone Co.....	Telephone services.....	6.00
	Chesapeake and Potomac Telephone Co.....	do.....	31.25
	Chicago Telephone Co.....	do.....	6.00
	Taylor National Bank.....	Office rent.....	118.75
	Vicente Gonzalez.....	do.....	40.00
	St. Louis and San Francisco R. R. Co.....	Passenger transportation.....	49.49
	Michigan Central R. R. Co.....	do.....	13.85
	Duluth, South Shore and Atlantic Rwy. Co.....	do.....	14.85
	Arnold Transit Co.....	do.....	5.00
	New York and Cuba Mail S. S. Co.....	do.....	50.00
	Louisville and Nashville R. R. Co.....	do.....	35.38
	Great Northern Rwy. Co.....	do.....	29.90
	Missouri Pacific Rwy. Co.....	do.....	31.30
	Union Pacific R. R. Co.....	do.....	34.25
	Chicago, Milwaukee and St. Paul Rwy. Co.....	do.....	7.99
	Booth & Co.....	do.....	35.00
	Morgan's Louisiana and Texas R. R. and S. S. Co.....	do.....	20.00
	Northern Pacific Rwy. Co.....	do.....	18.45
	Sunset Telephone and Telegraph Co.....	Repairing telegraph line.....	1.75
	Ocean Tow Boat Line.....	Telegraph services.....	4.00
	Lake Cities Electric Rwy. Co.....	Electric light.....	12.50
	The People's Gas Light and Coke Co.....	Gas light.....	11.00
	New Orleans Lighting Co. (Lessee).....	do.....	11.50
	Needham Bros.....	Washing towels.....	1.05
	Wm. McLaughlin.....	Drayage.....	5.50
	J. P. Geary.....	do.....	7.00
	C. D. Page.....	do.....	7.75
	W. T. Wilson.....	do.....	.50
	Norwich University.....	Electric light and steam heat.....	21.50
	Wakefield Water Co.....	Water supply.....	19.00
	San Pedros, Los Angeles and Salt Lake R. R. Co.....	do.....	6.00
	R. B. Smith.....	Cleaning river gauge.....	10.00
	Tilly & Hatton.....	Ink.....	2.00
	A. J. Rawley.....	Erecting tower.....	150.00
	E. C. Palmer & Co. (Limited).....	Printing supplies.....	1.15
	William Senter & Co.....	Repairing self-register clock.....	3.00
	Dulin & Martin Co.....	Water filter.....	5.85
	Barnhart Bros. & Spindler.....	Printing supplies.....	3.06
	The Atlantic City Sewerage Co.....	Sewer rent.....	10.00
	The Rotograph Co.....	Paper.....	2.70
	Joseph Clinton.....	Cleaning carpet and woodwork.....	2.00
	Edwards & Broughton.....	Casting rollers.....	2.45
	J. B. Lambie Co. (Incorporated).....	Sheep shears, etc.....	1.75
	John Clarke.....	Telephone services.....	3.60
	Arizona Publishing Co.....	Printing climate and crop bulletins.....	96.00
	A. G. McAdie.....	Traveling expenses.....	1.40
	C. E. Johnson.....	Ferrage.....	.50
	J. B. Marbury.....	Drayage and repairing typewriter.....	17.10
	J. J. Gray.....	Drayage.....	4.60
	R. G. Allen.....	do.....	10.30
	G. M. Chappel.....	Drayage and oil.....	1.00
	H. P. Hardin.....	Oil and repairing clock.....	3.25
	E. C. Thompson.....	Ice, repairing instruments, etc.....	31.92
	E. B. Richards.....	Station expenses.....	7.10
	R. F. Young.....	do.....	3.00
	H. W. Grasse.....	Drayage and repairing clock.....	3.50
	C. W. Schmid.....	Services.....	6.25
	John Hyslop.....	do.....	30.00
	J. E. Cotter.....	do.....	15.75
	Alpena, substations.....	Pay roll.....	70.00
	Augusta, substations.....	do.....	30.00
	do.....	do.....	136.80
	Boston, substations.....	do.....	102.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
July 31	Chicago, substations.....	Pay roll.....	\$435.00
	Cincinnati, substations.....	do.....	193.25
	Columbus, substations.....	do.....	253.00
	Fort Smith, substations.....	do.....	39.00
	Galveston, substations.....	do.....	256.75
	Knoxville, substations.....	do.....	128.00
	La Crosse, substations.....	do.....	92.00
	Little Rock, substations.....	do.....	195.80
	do.....	do.....	62.75
	Mobile, substations.....	do.....	121.60
	Montgomery, substations.....	do.....	136.80
	do.....	do.....	46.06
	Nashville, substations.....	do.....	92.30
	New Orleans, substations.....	do.....	112.50
	do.....	do.....	4.00
	do.....	do.....	147.00
	Omaha, substations.....	do.....	235.60
	Parkersburg, substations.....	do.....	53.27
	Pittsburg, substations.....	do.....	388.75
	Portland, Oreg., substations.....	do.....	150.00
	St. Louis, substations.....	do.....	175.22
	do.....	do.....	181.40
	Savannah, substations.....	do.....	61.00
	Shreveport, substations.....	do.....	46.50
Aug. 5	Geo. F. Muth & Co.....	Concentrated lye.....	10.56
	Lamb & Tilden.....	Rubber stamps.....	1.87
	A. McC. Ashley.....	Traveling expenses.....	58.00
	J. W. Smith.....	do.....	29.39
	W. T. Lathrop.....	do.....	13.25
	W. M. Wilson.....	Drayage, etc.....	3.60
	H. B. Boyer.....	do.....	1.65
	Geo. Reeder.....	Subsistence.....	29.50
	R. M. Hardinge.....	Drayage and washing towels.....	5.00
	A. F. Simms.....	Station expenses.....	21.91
	O. L. Fassig.....	do.....	4.60
	T. F. Townsend.....	Freight and express charges.....	1.10
	H. B. Hersey.....	Drayage, etc.....	6.50
	J. L. Cline.....	Station expenses.....	3.00
	D. C. Grunow.....	Drayage and muelilage.....	1.25
	J. W. Cronk.....	Drayage and oil.....	2.70
	E. A. Evans.....	Drayage.....	14.15
	L. C. Collins.....	Services.....	20.00
	C. P. Searle.....	do.....	30.00
	H. Hamilton.....	do.....	30.06
	N. W. Wagner.....	do.....	21.00
	A. J. Tribble.....	do.....	14.00
	C. P. Disney.....	do.....	21.00
	T. E. Speight.....	do.....	14.80
	H. Rolle.....	Rent of roof.....	9.00
	Charles Baldwin.....	Office rent.....	112.50
	Michigan State Telephone Co.....	Telephone services.....	12.00
	The Tyrell County Telephone Co.....	do.....	14.60
	Southern Bell Telephone and Telegraph Co.....	do.....	18.00
	Williston Telephone Exchange.....	do.....	6.00
	Michigan State Telephone Co.....	do.....	5.60
	Pennsylvania Telephone Co.....	do.....	11.25
	Consolidated Telephone Co.....	do.....	9.00
	Cumberland Telephone and Telegraph Co.....	do.....	25.90
	Rocky Mountain Bell Telephone Co.....	do.....	1.10
	do.....	do.....	36.60
	F. G. Blaisdell.....	do.....	16.50
	International Ocean Telegraph Co.....	do.....	164.62
	Pacific States Telephone and Telegraph Co.....	do.....	40.10
	Knox Telephone and Telegraph Co.....	do.....	6.50
	Winton Telegraph Co.....	do.....	7.00
	Pacific States Telephone and Telegraph Co.....	do.....	1.00
	United States Express Co.....	Express charges.....	77.89
	City of Lake.....	Electric light.....	7.50
	Huron Village Electric Light Plant.....	do.....	14.40
	New London Gas and Electric Co.....	do.....	3.50
	Fall River Electric Light Co.....	do.....	10.50
	Board of public service, lighting department.....	do.....	3.42
	The Red Wing Gas and Electric Co.....	do.....	7.50
	Frankfort Electric Light Co.....	do.....	12.50
	Gloucester Electric Co.....	do.....	8.55
	New Bedford Gas and Edison Light Co.....	do.....	14.52
	Marble Head municipal light department.....	do.....	2.06
	Narragansett Electric Light Co.....	do.....	8.56
	Rockingham County Light and Power Co.....	do.....	6.30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. Aug. 5	Fort Smith Light and Traction Co.	Electric current	\$4.25
	A. J. Knight	do	8.25
	L. E. Scarr	Washing towels	1.50
	F. L. Ewing	Ice	2.25
	Consumers Ice Co.	do	3.02
	G. L. Baum	Repairing telegraph line	2.00
	The Electric Storage Battery Co.	Electrotype metal	1.44
	F. A. Schmidt	Millographs	125.00
	Pacific Transfer Co.	Drayage	14.51
	H. C. Smith	Repairing telegraph line	2.00
	Remington Typewriter Co.	Repairing typewriter	21.65
	The M. Lindsay Rubber Co.	Tubing	1.50
	W. H. Butler Co.	Paint	100.00
	American Can Co.	Cans	21.53
	J. B. Lambie Co. (Incorporated)	Tools for repairing instruments	11.20
	Schneider Bros.	Castings	1.50
	Columbia Pump and Well Co.	Oil	5.00
	Board of public service, lighting department	Installing storm-warning lamps	2.40
	Wm. H. Dyer	Cable boxes	16.00
	E. F. Sanguinette	Oil, brooms, etc.	10.00
	John Rose & Co.	Gas fixtures	63.36
	L. S. Woodhouse	Horse hire	2.00
	H. J. Ledoux	Water supply	4.80
	M. L. Willis	do	4.50
	W. J. Bennett	Gasoline	1.50
	W. M. McConahay	Repairing clock	.50
	C. E. Johnson & Co.	Ink	360.00
	Western Union Telegraph Co.	Repairing telegraph line	8.60
	American Can Co.	Cans	21.00
	Geo. F. Muth & Co.	Chamois skins	23.50
	The Smith Premier Typewriter Co.	Platen	3.75
	Woodward & Lothrop	Soap, cots, mattresses, etc.	67.13
	Kansas Farmer Co.	Printing climate and crop bulletins	40.00
	J. W. Jordan & Co.	Recasting rollers	2.08
	Marine Journal Co.	Subscription	14.00
	J. A. Roebling's Sons Co.	Wire	19.50
	The Smith Premier Typewriter Co.	Repairing typewriter	22.00
	H. Bockman & Sons	Oil	4.95
	Coston Signal Co. (Incorporated)	Answering signals	33.00
	A. S. Pinney	Painting rain gauge, etc.	3.00
	W. C. Dufield	Cleaning clock	1.00
	Remington Typewriter Co.	Repairing typewriter	16.75
	Faneuil Watch Tool Co.	Index plate	3.00
	Eimer & Amend	Barometer tube	7.50
	The Maurice Joyce Engraving Co.	Photo-engraving plates	13.53
	Atlanta, substations	Pay roll	21.00
	Cairo, substations	do	154.50
	Chattanooga, substations	do	139.70
	Chicago, substations	do	23.20
	Cleveland, substations	do	170.00
	Des Moines, substations	do	236.40
	Duluth, substations	do	91.95
	Galveston, substations	do	410.40
	Houghton, substations	do	36.78
	Kansas City, substations	do	307.80
	Louisville, substations	do	291.20
	Memphis, substations	do	182.40
	do	do	51.00
	Minneapolis, substations	do	336.40
	Mobile, substations	do	72.00
	Omaha, substations	do	45.10
	Philadelphia, substations	do	45.00
	Port Huron, substations	do	162.00
	Portland, Oreg., substations	do	295.50
	Raleigh, substations	do	120.00
	Richmond, substations	do	6.00
	San Francisco, substations	do	87.20
	Sault Ste. Marie, substations	do	82.75
	Sioux City, substations	do	114.00
	Vicksburg, substations	do	85.50
	do	do	89.40
	Wilmington, substations	do	106.40
	do	do	72.00
	Louisville, substations	do	66.00
	San Francisco, substations	do	10.00
	J. B. Lambie Co. (Incorporated)	Lock clocks	2.25
	H. C. Bate	Traveling expenses	2.10
	J. J. O'Donnell	Drayage and washing towels	1.95

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904			
Aug. 11	G. W. Felger.....	Drayage.....	\$1.00
	J. Warren Smith.....	Station expenses.....	9.65
	M. E. Shelden.....	Office rent.....	93.75
	Michigan State Telephone Co.....	Telephone service.....	18.00
	Edison Sault Electric Co.....	Electric light.....	16.25
	Detroit and Mackinac Rwy. Co.....	Passenger transportation.....	6.99
	New England Telephone and Telegraph Co..	Telephone service.....	2.50
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.....	Telegraph services.....	14.72
	Phillips, Smyth & Van Orden.....	Printing climate and crop bulle- tins.....	135.00
	Board of public works.....	Water supply.....	3.50
	Marais Lumber Co.....	Electric light.....	12.50
	O'Callaghan, Nelson & Co.....	Freight charges.....	1.25
	G. W. Fairbanks.....	River gauge.....	11.00
	J. P. Geary.....	Constructing ground wire.....	30.00
	H. C. Beeson.....	Marine Directory.....	25.00
	E. Morrison Paper Co.....	Paper.....	12.00
	F. E. Hartwell.....	Traveling expenses.....	19.55
	E. D. Emigh.....	do.....	11.14
	W. A. Mitchell.....	Drayage.....	3.30
	R. H. Dean.....	Station expenses.....	4.95
	A. L. Brockway.....	Subsistence.....	2.33
	J. H. Smith.....	Station expenses.....	4.85
	H. McP. Baldwin.....	Express charges.....	3.00
	G. T. Todd.....	Drayage.....	4.25
	D. Cuthbertson.....	Station expenses.....	37.40
	Cumberland Telephone and Telegraph Co.....	Telephone services.....	128.10
	Central District and Printing Telegraph Co.....	Telegraph services.....	4.20
	do.....	do.....	18.00
	Western Union Telegraph Co.....	do.....	17.92
	do.....	do.....	210.20
	The Pennsylvania R. R. Co.....	Passenger transportation.....	112.18
	C. N. Millhollin & Son.....	Ice.....	1.50
	Dennison Manufacturing Co.....	Tags.....	19.18
	Union Envelope Co.....	Envelopes.....	26.40
	Eberhard Faber.....	Rubber bands.....	55.08
	Francis Miller.....	Turpentine.....	28.05
	Galveston, substations.....	Pay roll.....	30.00
	Oklahoma, substations.....	do.....	146.60
	N. D. Lane.....	Drayage and repairing clock.....	3.50
	P. Connor.....	Station expenses.....	12.70
	H. Legler.....	Lamp chimneys and washing towels.....	1.45
	E. C. Hobbs.....	Washing towels, etc.....	7.50
	Peter Wood.....	Glass and drayage.....	2.10
	C. M. Strong.....	Station expenses.....	18.00
	W. E. Oliver.....	Drayage.....	4.50
	J. N. Ryker.....	Electric current.....	6.39
	Tucker Telephone and Telegraph Co.....	Telephone services.....	15.00
	New England Telephone and Telegraph Co.....	do.....	1.05
	Great Northwestern Telegraph Co. of Canada.....	Telegraph services.....	52.16
	do.....	do.....	12.03
	Postal Telegraph Cable Co. of Texas.....	do.....	122.65
	Frank Montgomery.....	Traveling expenses.....	3.85
	Delano & Moore.....	Articles, river and flood service.....	14.14
	J. E. Turton.....	Locks.....	8.50
18	C. F. Schneider.....	Drayage and express charges.....	11.10
	R. B. Harkness.....	Station expenses.....	1.34
	James H. Scarr.....	Post-route map of California and Nevada.....	3.20
	E. W. McGann.....	Station expenses.....	26.80
	G. E. Franklin.....	do.....	15.85
	A. G. McAdie.....	do.....	10.95
	Abe Wiesner.....	Drayage.....	1.00
	R. J. Hyatt.....	Station expenses.....	2.25
	T. J. Considine.....	Drayage.....	.50
	The Texas and Pacific Rwy.....	Passenger transportation.....	30.55
	Pennsylvania Co.....	do.....	11.00
	Grand Trunk Rwy. System.....	do.....	23.23
	Lehigh Valley R. R. Co.....	do.....	6.10
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.....	do.....	16.00
	The Kansas City Southern Rwy. Co.....	do.....	17.60
	Meteorological Council.....	Compiling telegrams.....	11.07
	A. P. Jones.....	Mail racks.....	20.00
	Thompson & Dunlop.....	Constructing cement walks.....	281.00
	The Maurice Joyce Engraving Co.....	Photo engraving plates.....	4.87
	Queen & Co. (Incorporated).....	Thermometer supports.....	100.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Aug. 18	American Type Founders Co.....	Type.....	\$4.56
	Northern Pacific Rwy. Co.....	Passenger transportation.....	84.65
	The Wabash R. R. Co.....	do.....	14.16
	Chicago and Northwestern Rwy. Co.....	do.....	107.22
	The Great Northwestern Telegraph Co. of Canada.	Telegraph services.....	52.60
	The Atchison Topeka and Santa Fe R. R. Co.	Passenger transportation.....	73.15
	Snickersville Telephone Co.....	Telephone services.....	5.00
	Galveston, Houston and Northern Rwy. Co.	Passenger transportation.....	8.10
	Northern Pacific Rwy. Co.....	do.....	28.00
	E. H. Emery.....	Station expenses.....	20.58
	Chicago, Rock Island and Pacific Rwy. Co...	Freight charges.....	12.84
	do.....	do.....	4.16
	Grand Rapids and Indiana Rwy. Co.....	do.....	4.30
	Boston and Albany R. R.....	do.....	2.83
	C. H. Mallory & Co.....	do.....	1.39
	Port Worth and Denver City Rwy. Co.....	do.....	4.15
	Pennsylvania R. R. Co.....	do.....	13.06
20	E. J. Glass.....	Drayage.....	1.00
	A. McC. Ashley.....	Subsistence and express charges.....	24.15
	The American Syren and Shipping Illustrated.	Subscription.....	140.00
	Rocky Mountain Bell Telephone Co.....	Telephone services.....	45.60
24	Postal Telegraph Cable Co.....	Telegraph services.....	638.92
	do.....	do.....	223.29
	Burlington Route, Missouri Lines.....	Freight charges.....	3.30
	do.....	do.....	2.43
	do.....	do.....	4.23
	do.....	do.....	2.06
	Atlantic Coast Line R. R. Co.....	do.....	9.47
	do.....	do.....	1.70
	do.....	do.....	3.61
	do.....	do.....	.56
	Grand Rapids and Indiana Rwy. Co.....	do.....	1.74
	do.....	do.....	.70
	do.....	do.....	.59
	Chicago, Burlington and Quincy Rwy. Co.....	do.....	.40
	do.....	do.....	2.04
	Wabash R. R. Co.....	do.....	1.26
	do.....	do.....	2.69
	New Bedford, Marthas Vineyard and Nantucket Steamboat Co.	do.....	2.28
	do.....	do.....	.70
	do.....	do.....	.70
	The Oregon Short Line R. R. Co.....	do.....	23.65
	do.....	do.....	2.87
	Washington Southern Rwy.....	do.....	.50
	do.....	do.....	1.43
	Charles White.....	do.....	.25
	do.....	do.....	8.50
	Chicago, Milwaukee and St. Paul Rwy. Co...	do.....	8.40
	do.....	do.....	5.17
	do.....	do.....	2.52
	Duluth, South Shore and Atlantic Rwy. Co...	do.....	1.06
	do.....	do.....	13.23
	Banks North Carolina Line.....	do.....	3.50
	do.....	do.....	2.50
	Missouri, Kansas and Texas Rwy. Co.....	do.....	6.12
	Union Pacific R. R. Co.....	do.....	2.68
	The Atchison, Topeka and Santa Fe Rwy. Co.	do.....	67.17
	Southern Rwy. Co.....	do.....	1.13
	Missouri Pacific Rwy. Co.....	do.....	1.82
	The Denver and Rio Grande R. R. Co.....	do.....	3.00
	Baltimore and Ohio R. R. Co.....	do.....	.37
	Norfolk and Southern R. R. Co.....	do.....	20.43
	Virginia and Truckee R. R. Co.....	do.....	.25
	Star Union Line.....	do.....	1.72
	Grand Trunk Rwy. of Canada.....	do.....	.77
	Lake Erie and Western R. R. Co.....	do.....	.64
	Texas and Pacific Rwy. Co.....	do.....	4.38
	Pere Marquette R. R. Co.....	do.....	.60
	New York, New Haven and Hartford R. R. Co.	do.....	41.81
	San Antonio and Aransas Pass Rwy. Co.....	do.....	11.17
	The Hocking Valley Rwy. Co.....	do.....	.51
	The Pacific and Idaho Northern R. R. Co.....	do.....	3.69
	Town of New Shoreham.....	do.....	6.10
	G. K. Rollinson, master, schooner Maggie E. Davis.	do.....	5.00
	St. Louis Southwestern Rwy. Co.....	do.....	2.14

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904.			
Aug. 24	Munsing Rwy. Co.	Freight charges	\$11.63
	International and Great Northern R. R. Co.	do.	5.40
	Delaware and Hudson Co.	do.	3.61
	Albany and Northern Rwy. Co.	do.	1.27
	Atlantic and North Carolina R. R. Co.	do.	.62
	Boulton, Bliss & Dallett	do.	.84
	O'Callaghan, Nelson & Co.	do.	2.00
	The Pullman Co.	Sleeping-car berth	18.00
	W. R. Morton.	Drayage	1.18
	do.	do.	2.51
	do.	do.	.13
	do.	do.	1.16
	Wm. J. Crawford.	do.	2.70
	do.	do.	2.70
	James Hayden.	do.	1.46
	St. Louis Transfer Co.	do.	1.44
31	Estate of Levi Johnson, deceased.	Services	6.30
	E. C. Vose.	Station expenses	16.60
	Swayze, Bailey & Co.	Carbon paper	23.50
	Henry Cleveland.	Grading and sodding lawn	545.00
	T. F. Drake.	Subsistence	4.75
Sept. 5	Western Union Telegraph Co.	Telegraph services	15,003.52
	Burlington and Missouri River R. R. in Nebraska.	Freight charges	5.83
	do.	do.	.38
	do.	do.	22.46
	do.	do.	2.84
	do.	do.	17.88
	do.	do.	1.89
	Southern Rwy. Co.	do.	28.09
	do.	do.	1.38
	do.	do.	1.32
	do.	do.	1.68
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do.	4.85
	do.	do.	8.94
	do.	do.	.98
	Missouri, Kansas and Texas Rwy. Co.	do.	1.15
	do.	do.	.58
	Illinois Central R. R. Co.	do.	.74
	do.	do.	2.34
	do.	do.	.95
	do.	do.	.74
	Washington Southern Rwy.	do.	.64
	do.	do.	.25
	Missouri Pacific Rwy. Co.	do.	23.68
	do.	do.	1.18
	do.	do.	13.82
	do.	do.	1.12
	Chicago, Burlington and Quincy Rwy. Co.	do.	.18
	Pennsylvania R. R. Co.	do.	40.61
	Chicago, Milwaukee and St. Paul Rwy. Co.	do.	5.25
	Star Union Line.	do.	3.36
	Chicago, Rock Island and Pacific Rwy. Co.	do.	1.50
	Chicago and Northwestern Rwy. Co.	do.	10.71
	Louisville and Nashville R. R. Co.	do.	5.54
	Union Pacific R. R. Co.	do.	1.45
	Grand Rapids and Indiana Rwy. Co.	do.	.63
	The Denver and Rio Grande R. R. Co.	do.	20.46
	Lake Shore and Michigan Southern Rwy. Co.	do.	2.73
	Chesapeake and Ohio Rwy. Co.	do.	.84
	Central of Georgia Rwy. Co.	do.	1.43
	Vicksburg, Shreveport and Pacific Rwy.	do.	1.53
	Virginia and Truckee R. R. Co.	do.	.25
	The Oregon Short Line R. R. Co.	do.	4.46
	Texas and New Orleans R. R. Co.	do.	2.53
	Northern Michigan Transportation Co.	do.	.97
	Delaware, Lackawanna and Western R. R. Co.	do.	.31
	Washington County Rwy. Co.	do.	2.07
	San Pedro, Los Angeles and Salt Lake R. R.	do.	2.72
	Pierre Marquette R. R. Co.	do.	.64
	Washington Southern Rwy. Co.	do.	.90
	Burlington Route, Missouri Lines	do.	3.17
	Central Vermont Rwy. Co.	do.	.80
	Seaboard Air Line Rwy.	do.	.77
	Peninsular and Occidental Steamship Co.	do.	8.94
	West Virginia Central and Pittsburg Rwy. Co.	do.	1.37

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. Sept. 5	New York Central and Hudson River R. R. Co.	Freight charges	\$1.79
	John C. Davis .....	.....do.....	2.38
	Littlefield, Alvord & Co.	Drayage	23.16
	.....do.....	.....do.....	30.81
	Aug. Palmquist	Construction of river gauge	11.00
	B. C. Kadel	Traveling expenses	36.25
10	Chicago, Rock Island and Pacific Rwy. Co.	Passenger transportation	41.71
	St. Louis and San Francisco R. R. Co. ....	.....do.....	3.87
	The Baltimore and Ohio R. R. Co. ....	.....do.....	4.34
	New Orleans and Northeastern R. R. Co. ....	.....do.....	5.55
	Louisville and Nashville R. R. Co. ....	.....do.....	31.55
	Missouri, Kansas and Texas Rwy. Co. ....	.....do.....	17.65
	Chicago, Burlington and Quincy R. R. Co. ....	.....do.....	1.80
	New York Telephone Co.	Telephone services	11.30
	O. W. Bye	Horse hire	2.00
	J. C. Goodfellow	Fuel	3.69
	Nicholas Fish	Halliards and lowering flag pole	5.08
	Western Union Telegraph Co.	Rent of telegraph poles	10.41
	Simon R. Ball	Repairing building and fence	126.64
	Cumberland Telephone and Telegraph Co.	Telephone services	54.10
	Amarillo Water, Light and Power Co.	Electric light	15.54
	T. E. Treemole	Erecting river gauge	12.00
	Norman Upp	Repairing storm warning apparatus .....	.75
	Rocky Mountain Bell Telephone Co.	Telephone services	10.50
	New York Laundry Works	Towel supply	3.00
	W. A. R. Rawle	Postage, etc. ....	.70
	W. T. Gibson	Erecting instrument shelter	2.50
	M. A. Harvey	Renovating office rooms	10.00
	The water department of Atlantic City	Water supply	14.40
	J. Edward Truton	Instrument shelters	618.00
	Chicago, Burlington and Quincy Rwy. Co.	Passenger transportation	12.90
	The Oxley-Enos Co.	Electric light and gas fixtures	325.00
	J. Williams	Installing anemometer	13.50
	The Edison Electric Co.	Electric light	3.78
	Sucesores de J. B. Vicini	Office rent	360.00
	H. Brooker & Co.	Gasoline, etc.	10.25
	E. Rathburn	Constructing floors	673.95
	Chas. R. Dewing	Traveling expenses	6.60
	Joseph Haven	Care of property	9.79
	M. A. Robinson	Subsistence	28.00
16	Missouri, Kansas and Texas Rwy. Co.	Passenger transportation	37.30
	Illinois Central R. R. Co. ....	.....do.....	15.00
	The Baltimore and Ohio R. R. Co. ....	.....do.....	88.20
	M. A. Robinson	Subsistence	20.00
	Roslyn Coal and Coke Co.	Coal	98.00
21	Baltimore and Ohio R. R. Co.	Freight charges	73.62
	Baltimore and Ohio Southwestern .....	.....do.....	9.25
	Baltimore and Ohio R. R. Co. ....	.....do.....	29.50
	Pennsylvania R. R. Co. ....	.....do.....	11.06
	.....do.....	.....do.....	7.50
	Southern Rwy. Co. ....	.....do.....	9.48
	.....do.....	.....do.....	7.14
	.....do.....	.....do.....	1.15
	Chicago and Alton Rwy. Co. ....	.....do.....	.22
	.....do.....	.....do.....	.89
	New York Central and Hudson River R. R. Co. ....	.....do.....	.94
	.....do.....	.....do.....	.62
	Atlantic Coast Line R. R. Co. ....	.....do.....	.57
	.....do.....	.....do.....	1.06
	Northern Pacific Rwy. Co. ....	.....do.....	2.10
	.....do.....	.....do.....	3.14
	Illinois Central R. R. Co. ....	.....do.....	.71
	.....do.....	.....do.....	.27
	Great Northern Rwy. Co. ....	.....do.....	16.76
	Chesapeake and Ohio Rwy. Co. ....	.....do.....	5.82
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. ....	.....do.....	4.18
	Chicago and Northwestern Rwy. Co. ....	.....do.....	11.51
	Chicago, Burlington and Quincy Rwy. Co. ....	.....do.....	2.66
	The Denver and Rio Grande R. R. Co. ....	.....do.....	13.70
	Chicago, Rock Island and Pacific Rwy. Co. ....	.....do.....	1.56
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co. ....	.....do.....	1.33
	Washington Southern Rwy. ....	.....do.....	.91
	Pacific Coast Steamship Co. ....	.....do.....	.26

442 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
<i>Supplemental—Continued.</i>			
1904. Sept. 21	Norfolk and Western Rwy.	Freight charges	\$0.87
	Steamer W. C. Bradley	do.	8.26
	James Hayden	Drayage	2.09
	C. H. Mallory & Co.	Freight charges	1.27
	W. H. Marvin	Repairing river gauge	4.00
	M. G. Copeland Co.	Flags	109.50
	Chas. W. Harris	Painting roof, etc.	77.00
	Postal Telegraph-Cable Co.	Telegraph services	612.39
	The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	Passenger transportation	8.00
	Northern Pacific Rwy. Co.	do.	5.80
	Chicago and Great Western Rwy. Co.	do.	4.80
	John Hefferman	Ice	6.00
	J. J. O'Donnell	Traveling expenses	26.50
	Philadelphia, Reading and Pottsville Telegraph Co.	Telegraph services	.10
	The Marine Review Publishing Co.	Subscription	84.00
	J. P. Starkweather	Constructing river gauge	12.00
	Chicago, Rock Island and Pacific Rwy. Co.	Telegraph services	10.41
	United States Express Co.	Express charges	37.21
	New Orleans and Northeastern R. R. Co.	Passenger transportation	5.55
	Peter Gray & Sons	Thumb screws	3.00
	Justinian Caire Co.	Sheet lead, etc.	5.06
30	American DeForest Wireless Telegraph Co.	Wireless telegraph instrument	1,500.00
	A. J. Heyl	Repairing building, Yuma, Ariz.	100.00
	do.	Laying floors in building	174.00
	Sussfeld Lorsh & Co.	Telethermographs	685.73
	Hoke Engraving Plate Co.	Recoating base plates	287.50
	do.	do.	287.50
	do.	do.	29.50
	The Western Union Telegraph Co.	Rent of loop	90.00
	J. T. Harper	Telegraph services	11.06
	Union Carbide Co.	Calcium carbide	18.75
	Hoke Engraving Plate Co.	Recoating base plates	25.00
	Western Union Telegraph Co.	Telegraph services	2.30
	International Ocean Telegraph Co.	do.	72.89
	Delaware and Hudson Co.	Freight charges	1.04
	Western Union Telegraph Co.	Telegraph services	14,563.54
	Total		93,531.28

RECAPITULATION.

First quarter	\$33,742.50
Second quarter	91,819.22
Third quarter	138,130.75
Fourth quarter	101,865.46
Supplemental	93,531.28
Total	458,589.21

WEATHER BUREAU, GENERAL EXPENSES, SALARIES.

Date.	Name.	Nature of payment.	Total.
1903. July 20	A. Bronson	Salary	\$6.00
31	N. B. Conger et al.	do.	561.10
	A. F. Sims et al.	do.	237.60
	F. H. Duff et al.	do.	141.50
	J. B. Marbury et al.	do.	424.60
	E. W. McGann et al.	do.	298.20
	R. M. Geddings et al.	do.	171.90
	D. Fisher et al.	do.	160.00
	O. L. Fassig et al.	do.	496.80
	W. E. Donaldson et al.	do.	170.10
	W. A. Mitchell, et al.	do.	146.10
	B. H. Bronson et al.	do.	251.00
	S. M. Blandford et al.	do.	251.00
	J. W. Smith et al.	do.	689.00
	D. Cuthbertson et al.	do.	493.60
	P. H. Smyth et al.	do.	220.70
	C. P. Cronk et al.	do.	160.00
	J. H. Smith et al.	do.	193.70
	L. N. Jesunofsky et al.	do.	237.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. July 31	G. R. Oberholzer et al.	Salary.	\$141.50
	L. M. Pindell et al.	do.	224.00
	H. J. Cox et al.	do.	970.40
	S. S. Bassler et al.	do.	456.50
	J. Kenealy et al.	do.	446.40
	A. E. Hackett et al.	do.	222.50
	J. W. Bauer et al.	do.	252.80
	J. Warren Smith et al.	do.	547.14
	F. Jermin et al.	do.	141.50
	J. M. Sherier et al.	do.	210.24
	F. H. Brandenburg et al.	do.	635.20
	G. M. Chappel et al.	do.	422.90
	O. Parker et al.	do.	160.00
	H. W. Richardson et al.	do.	311.70
	D. C. Murphy et al.	do.	131.40
	T. J. Considine et al.	do.	220.70
	G. B. Wurtz et al.	do.	131.40
	J. L. Cline et al.	do.	149.90
	T. S. Collins et al.	do.	161.70
	Geo. Reeder et al.	do.	210.60
	L. H. Murdoch et al.	do.	385.70
	C. F. Schneider et al.	do.	328.60
	F. W. Conrad et al.	do.	131.40
	L. E. Cover et al.	do.	202.20
	E. R. Demain et al.	do.	200.40
	A. J. Davis et al.	do.	134.70
	M. W. Hayes et al.	do.	240.90
	R. B. Harkness et al.	do.	131.40
	S. W. Glenn et al.	do.	342.00
	W. T. Blythe et al.	do.	477.22
	R. G. Allen et al.	do.	343.60
	A. J. Mitchell et al.	do.	363.90
	R. L. Anderson et al.	do.	363.90
	W. U. Simons et al.	do.	202.10
	W. M. Fulton et al.	do.	247.80
	R. Q. Grant et al.	do.	131.40
	R. H. Dean et al.	do.	126.10
	G. A. Loveland et al.	do.	411.20
	E. B. Richards et al.	do.	422.90
	G. E. Franklin et al.	do.	257.80
	H. B. Hersey et al.	do.	574.50
	G. N. Wilson et al.	do.	151.60
	J. R. Weeks et al.	do.	131.40
	H. R. Patrick et al.	do.	141.50
	T. S. Outram et al.	do.	481.70
	W. M. Wilson et al.	do.	586.30
	S. C. Emery et al.	do.	338.70
	L. A. Denson et al.	do.	141.50
	W. M. Dudley et al.	do.	171.90
	F. P. Chaffee et al.	do.	353.80
	G. E. Grimes et al.	do.	124.60
	H. C. Bate et al.	do.	515.50
	L. M. Tarr et al.	do.	251.00
	I. M. Cline et al.	do.	645.30
	E. H. Emery et al.	do.	673.95
	J. J. Gray et al.	do.	335.20
	W. A. Shaw et al.	do.	126.40
	L. A. Welsh et al.	do.	311.70
	C. M. Strong et al.	do.	328.60
	J. G. Linsley et al.	do.	151.60
	B. Bunnemeyer et al.	do.	141.50
	E. C. Vose et al.	do.	240.90
	T. F. Townsend et al.	do.	699.10
	M. E. Blystone et al.	do.	210.60
	Geo. Hass Hagen et al.	do.	141.50
	F. Ridgway et al.	do.	408.93
	E. A. Brown et al.	do.	141.50
	E. P. Jones et al.	do.	224.00
	E. A. Beals et al.	do.	702.50
	J. F. Slaughter et al.	do.	171.90
	C. F. von Hermann et al.	do.	363.60
	E. A. Evans et al.	do.	448.10
	L. M. Dey et al.	do.	240.90
	A. Buell et al.	do.	220.70
	J. H. Scarr et al.	do.	131.40
	F. A. Carpenter et al.	do.	141.50
	E. H. Bowie et al.	do.	522.20
	W. E. Oliver et al.	do.	185.80
	H. C. Cook et al.	do.	121.20
	R. M. Hardinge et al.	do.	210.60

444 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. July 31	A. G. McAdie et al.	Salary	\$801.90
	R. J. Hyatt et al.	do	336.90
	E. H. Nimmo et al.	do	131.40
	H. B. Boyer et al.	do	240.90
	A. G. Burns et al.	do	170.10
	F. H. Clarke et al.	do	187.00
	J. W. Cronk et al.	do	131.40
	G. N. Salisbury et al.	do	338.70
	U. G. Pursell et al.	do	139.80
	Chas. Stewart et al.	do	180.30
	Wm. G. Burns et al.	do	347.00
	J. S. Hazen et al.	do	141.50
	A. McC. Ashley et al.	do	240.90
	E. C. Hobbs et al.	do	161.70
	F. R. Beahan et al.	do	171.90
	L. H. Daingerfield et al.	do	232.50
	W. S. Currier et al.	do	251.00
	T. B. Jennings et al.	do	240.90
	W. S. Belden et al.	do	298.30
	G. T. Todd et al.	do	139.80
	G. W. Felger et al.	do	171.90
	P. Wood	do	101.10
	G. W. Eddey	do	101.10
	W. C. McGuiness	do	84.20
	J. J. O'Donnell	do	84.20
	H. E. Hobbs	do	70.80
	W. L. Day	do	101.10
	G. L. Lovett	do	25.00
	M. B. Stubbs	do	70.80
	J. N. Ryker	do	101.10
	J. W. Byram	do	101.10
	W. T. Lathrop	do	84.20
	A. Drinkwater	do	50.50
	E. D. Emigh	do	84.20
	C. E. Johnson	do	60.60
	A. Ashenberger	do	101.10
	J. M. Paris	do	28.70
	F. W. Brist	do	43.48
	N. D. Lane	do	101.10
	A. H. Bell	do	101.10
	D. V. Burney	do	101.10
	R. H. Sullivan	do	101.10
	W. C. Devereaux	do	84.20
	C. W. Ling	do	84.20
	C. C. Garrett	do	70.80
	H. P. Hardin	do	84.20
	H. B. Dick	do	84.20
	F. Z. Gosewisch	do	101.10
	C. H. Richardson	do	84.20
	J. J. Doshier	do	60.60
	G. W. Scott	do	101.10
	H. F. Alps	do	84.20
	R. L. Miller	do	70.80
	M. V. Hanaw	do	13.00
	H. W. Grasse	do	84.20
	H. Legler	do	70.80
	J. H. Kimball	do	70.80
	A. W. Kennie	do	25.00
	M. E. Conway	do	70.80
	J. J. Kelliher	do	84.20
	J. C. Piercy	do	101.10
	P. McDonough	do	84.20
	D. C. Grunow	do	101.10
	A. H. Thiessen	do	126.40
	W. W. Thomas	do	70.80
	Chas. Adie	do	70.80
	P. De Graw	do	84.20
	W. D. Maxwell	do	101.10
	M. Connell	do	101.10
	Thos. Gibson	do	84.20
	B. C. Kadel	do	70.80
	E. C. Thompson	do	126.40
	W. H. Alexander	do	101.10
	J. Lopez	do	40.40
	J. R. Williams	do	101.10
	W. C. Nielson	do	16.63
	Stanley Boykin	do	70.80
	L. Dorman	do	101.10
	N. R. Taylor	do	101.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	A. E. Heath.....	Salary.....	\$60.60
	H. McP. Baldwin.....	do.....	84.20
	F. Newman.....	do.....	101.10
	E. J. Glass.....	do.....	101.10
	J. C. Hayden.....	do.....	84.20
	J. I. Widmeyer.....	do.....	101.10
	O. W. Roberts.....	do.....	101.10
	L. S. Parrott.....	do.....	60.60
	W. S. Palmer et al.....	do.....	233.98
	V. F. Harvey.....	do.....	8.80
	E. H. Hughes.....	do.....	19.73
	O. C. McCardwell.....	do.....	24.46
Aug. 6	E. L. Reno.....	do.....	25.00
12	J. P. Bolton.....	do.....	101.10
15	J. Paden.....	do.....	19.00
	H. P. Bray.....	do.....	13.00
	D. J. Herndon.....	do.....	22.83
	C. B. Cooper.....	do.....	27.00
	B. M. Jacobs.....	do.....	12.23
24	V. O. Westervelt.....	do.....	17.00
	C. B. Cooper.....	do.....	3.00
	C. C. Cooper.....	do.....	6.85
	J. B. Anderson.....	do.....	1.96
31	S. Hackett.....	do.....	60.60
	A. F. Sims et al.....	do.....	237.60
	F. H. Duff et al.....	do.....	141.50
	R. M. Geddings et al.....	do.....	171.90
	J. B. Marbury et al.....	do.....	424.60
	E. W. McGann et al.....	do.....	298.20
	D. Fisher et al.....	do.....	160.00
	O. L. Fassig et al.....	do.....	496.80
	W. A. Mitchell et al.....	do.....	161.70
	B. H. Bronson et al.....	do.....	251.00
	S. M. Blandford et al.....	do.....	251.00
	J. W. Smith et al.....	do.....	689.00
	D. Cuthbertson et al.....	do.....	493.60
	P. H. Smyth et al.....	do.....	220.70
	A. J. Davis et al.....	do.....	205.50
	J. H. Smith et al.....	do.....	193.70
	G. R. Oberholzer et al.....	do.....	141.50
	L. N. Jesunofsky et al.....	do.....	237.60
	L. M. Pindell et al.....	do.....	224.00
	W. S. Palmer et al.....	do.....	227.50
	H. J. Cox et al.....	do.....	970.40
	S. S. Bassler et al.....	do.....	456.50
	J. Kenealy et al.....	do.....	446.40
	J. W. Bauer et al.....	do.....	252.80
	J. Warren Smith et al.....	do.....	547.50
	A. E. Hackett et al.....	do.....	222.50
	F. Jermin et al.....	do.....	131.40
	J. M. Sherier et al.....	do.....	210.60
	G. M. Chapel et al.....	do.....	422.90
	N. B. Conger et al.....	do.....	561.10
	O. Parker et al.....	do.....	160.00
	H. W. Richardson et al.....	do.....	311.70
	D. C. Murphy et al.....	do.....	131.40
	A. Ashenberger et al.....	do.....	141.50
	T. J. Considine et al.....	do.....	234.10
	G. B. Wurtz et al.....	do.....	131.40
	J. L. Cline et al.....	do.....	149.90
	T. S. Collins et al.....	do.....	161.70
	Geo. Reeder et al.....	do.....	210.60
	L. H. Murdoch et al.....	do.....	486.80
	C. F. Schneider et al.....	do.....	328.60
	F. W. Conrad et al.....	do.....	131.40
	L. C. Cover et al.....	do.....	206.80
	E. R. Demain et al.....	do.....	200.40
	S. L. Doshier et al.....	do.....	134.70
	M. W. Hayes et al.....	do.....	240.90
	R. B. Harkness et al.....	do.....	131.40
	S. W. Glenn et al.....	do.....	240.90
	W. T. Blythe et al.....	do.....	458.20
	R. G. Allen et al.....	do.....	343.60
	A. J. Mitchell et al.....	do.....	363.90
	P. Connor et al.....	do.....	363.90
	W. U. Simons et al.....	do.....	161.70
	W. M. Fulton et al.....	do.....	247.80
	R. Q. Grant et al.....	do.....	131.40
	G. A. Loveland et al.....	do.....	412.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 31	E. B. Richards et al.	Salary.....	\$422.90
	G. E. Franklin et al.	do.....	257.80
	H. B. Hersey et al.	do.....	574.50
	G. N. Wilson et al.	do.....	151.60
	J. R. Weeks et al.	do.....	151.40
	H. R. Patrick et al.	do.....	141.50
	S. C. Emery et al.	do.....	338.70
	L. A. Denson et al.	do.....	141.50
	W. M. Wilson et al.	do.....	515.50
	T. S. Outram et al.	do.....	481.70
	W. M. Dudley et al.	do.....	171.90
	F. P. Chaffee et al.	do.....	353.80
	G. E. Grimes et al.	do.....	124.60
	H. C. Bate.....	do.....	444.70
	L. M. Tarr et al.	do.....	251.00
	I. M. Cline et al.	do.....	645.30
	E. H. Emery et al.	do.....	729.40
	J. J. Gray et al.	do.....	321.80
	W. A. Shaw et al.	do.....	126.40
	C. M. Strong et al.	do.....	328.60
	L. A. Welsh et al.	do.....	311.70
	J. G. Linsley et al.	do.....	151.60
	E. C. Vose et al.	do.....	240.90
	B. Bunnemeyer et al.	do.....	141.50
	T. F. Townsend et al.	do.....	699.10
	M. E. Blystone et al.	do.....	210.60
	F. Ridgway et al.	do.....	394.30
	E. A. Brown et al.	do.....	141.50
	E. P. Jones et al.	do.....	224.00
	E. A. Beals et al.	do.....	702.50
	J. P. Slaughter et al.	do.....	171.90
	C. F. von Herrmann et al.	do.....	365.60
	L. M. Dey et al.	do.....	240.90
	J. H. Scarr et al.	do.....	131.40
	L. H. Daingerfield et al.	do.....	370.60
	W. E. Oliver et al.	do.....	185.30
	A. Buell et al.	do.....	220.70
	F. A. Carpenter et al.	do.....	141.50
	H. C. Cook et al.	do.....	121.20
	A. G. McAdie et al.	do.....	801.90
	E. H. Nimmo.....	do.....	101.10
	R. M. Hardinge et al.	do.....	210.60
	R. J. Hyatt et al.	do.....	336.90
	A. G. Burns et al.	do.....	170.10
	H. B. Boyer et al.	do.....	228.67
	F. H. Clarke et al.	do.....	217.30
	G. N. Salisbury et al.	do.....	338.70
	J. W. Cronk et al.	do.....	131.40
	U. G. Purssell et al.	do.....	139.80
	Chas. Stewart et al.	do.....	180.30
	W. G. Burns et al.	do.....	347.00
	J. S. Hazen et al.	do.....	141.50
	A. McC. Ashley et al.	do.....	240.90
	E. C. Hobbs et al.	do.....	152.45
	N. R. Taylor et al.	do.....	141.50
	F. R. Beahan et al.	do.....	171.90
	W. S. Currier et al.	do.....	251.00
	W. S. Belden et al.	do.....	298.30
	G. T. Todd et al.	do.....	139.80
	W. G. Felger et al.	do.....	171.90
	F. H. Brandenburg et al.	do.....	635.20
	R. H. Dean et al.	do.....	126.10
	T. B. Jennings et al.	do.....	240.90
	G. W. Eddy.....	do.....	101.10
	Peter Wood.....	do.....	101.10
	W. C. McGuinness.....	do.....	101.10
	H. E. Hobbs.....	do.....	70.80
	W. L. Day.....	do.....	101.10
	J. J. O'Donnell.....	do.....	84.20
	C. P. Cronk.....	do.....	105.98
	G. L. Lovett.....	do.....	25.00
	M. B. Stubbs.....	do.....	70.80
	J. N. Ryker.....	do.....	101.10
	J. W. Byram.....	do.....	101.10
	W. T. Lathrop.....	do.....	84.20
	A. Drinkwater.....	do.....	50.50
	E. D. Emigh.....	do.....	84.20
	C. E. Johnson.....	do.....	60.60
	N. D. Lane.....	do.....	101.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 31	A. H. Bell.....	Salary.....	\$101.10
	E. L. Renoe.....	do.....	25.00
	J. P. Bolton.....	do.....	101.10
	R. H. Sullivan.....	do.....	101.10
	W. C. Devereaux.....	do.....	84.20
	C. W. Ling.....	do.....	84.20
	D. P. McCallum.....	do.....	101.10
	C. C. Garrett.....	do.....	70.80
	H. P. Hardin.....	do.....	84.20
	H. B. Dick.....	do.....	84.20
	F. Z. Gosewisch.....	do.....	101.10
	J. J. Dosher.....	do.....	60.60
	G. W. Scott.....	do.....	101.10
	H. F. Alps.....	do.....	84.20
	A. W. Kennie.....	do.....	25.00
	F. W. Fischer.....	do.....	12.72
	J. H. Kimball.....	do.....	70.80
	H. W. Grasse.....	do.....	84.20
	H. Legler.....	do.....	70.80
	E. H. Hughes.....	do.....	55.60
	J. A. Balster.....	do.....	55.60
	M. E. Conway.....	do.....	70.80
	L. S. Parrott.....	do.....	60.60
	J. J. Kelliher.....	do.....	84.20
	J. C. Piercy.....	do.....	101.10
	P. McDonough.....	do.....	101.10
	J. T. Patterson.....	do.....	40.40
	D. C. Grunow.....	do.....	84.20
	A. H. Thiessen.....	do.....	126.40
	W. W. Thomas.....	do.....	70.80
	Chas. Adie.....	do.....	70.80
	Paul DeGraw.....	do.....	84.20
	W. D. Maxwell.....	do.....	101.10
	M. Connell.....	do.....	101.10
	Thos. Gibson.....	do.....	84.20
	E. H. Bowie.....	do.....	151.60
	J. Lopez.....	do.....	40.40
	E. C. Thompson.....	do.....	126.40
	C. H. Richardson.....	do.....	84.20
	J. R. Williams.....	do.....	101.10
	B. C. Kadel.....	do.....	70.80
	L. Dorman.....	do.....	101.10
	S. Boykin.....	do.....	70.80
	A. E. Heath.....	do.....	60.60
	F. Newman.....	do.....	101.10
	E. J. Glass.....	do.....	101.10
	J. C. Hayden.....	do.....	84.20
	J. L. Widmeyer.....	do.....	101.10
	O. W. Roberts.....	do.....	101.10
	S. Hackett.....	do.....	60.60
	W. E. Donaldson et al.....	do.....	170.10
	E. A. Evans et al.....	do.....	372.01
Sept. 9	H. P. Bray.....	do.....	21.00
	J. Paden.....	do.....	26.00
	H. McP. Baldwin.....	do.....	84.20
	M. A. Robinson.....	do.....	70.80
	J. J. Quantz.....	do.....	69.33
	Geo. Hass Hagen et al.....	do.....	141.50
	J. M. Watson et al.....	do.....	131.40
	E. C. Nimmo.....	do.....	30.00
15	D. V. Burney.....	do.....	29.85
30	P. Wood.....	do.....	97.80
	A. Brand.....	do.....	97.80
	W. C. McGuinness.....	do.....	97.80
	H. B. Wren.....	do.....	52.99
	H. E. Hobbs.....	do.....	68.40
	W. L. Day.....	do.....	97.80
	J. J. O'Donnell.....	do.....	81.60
	W. G. Wilson.....	do.....	49.00
	L. A. Judkins.....	do.....	97.80
	M. B. Stubbs.....	do.....	68.40
	J. N. Ryker.....	do.....	97.80
	H. C. Howe.....	do.....	97.80
	J. W. Byram.....	do.....	97.80
	W. T. Lathrop.....	do.....	81.60
	J. A. Barwick.....	do.....	2.72
	E. D. Emigh.....	do.....	81.60
	C. E. Johnson.....	do.....	58.80
	A. H. Bell.....	do.....	97.80
	J. P. Bolton.....	do.....	97.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 30	R. H. Sullivan.....	Salary.....	\$97.80
	W. C. Devereaux.....	do.....	81.60
	C. W. Ling.....	do.....	81.60
	C. C. Garrett.....	do.....	68.40
	H. P. Hardin.....	do.....	81.60
	H. B. Dick.....	do.....	81.60
	F. Z. Gosewisch.....	do.....	97.80
	J. J. Doshier.....	do.....	58.80
	H. F. Alps.....	do.....	81.60
	H. R. Patrick.....	do.....	97.80
	A. W. Kennie.....	do.....	25.00
	J. H. Kimball.....	do.....	68.40
	H. W. Grasse.....	do.....	81.60
	H. Legler.....	do.....	68.40
	J. A. Balster.....	do.....	53.80
	E. H. Hughes.....	do.....	53.80
	M. E. Conway.....	do.....	68.40
	L. S. Parrott.....	do.....	58.80
	J. J. Kelliher.....	do.....	81.60
	J. C. Piercy.....	do.....	97.80
	P. McDonough.....	do.....	97.80
	D. C. Grunow.....	do.....	81.60
	W. W. Thomas.....	do.....	68.40
	A. H. Thiessen.....	do.....	122.20
	Charles Adie.....	do.....	68.40
	P. DeGraw.....	do.....	81.60
	A. P. Hamlin.....	do.....	58.80
	E. C. Thompson.....	do.....	122.20
	J. Lopez.....	do.....	39.20
	J. R. Williams.....	do.....	97.80
	C. H. Richardson.....	do.....	81.60
	B. C. Kadel.....	do.....	68.40
	J. C. Hallock.....	do.....	23.48
	L. Dorman.....	do.....	97.80
	S. Boykin.....	do.....	68.40
	A. E. Heath.....	do.....	58.80
	H. McP. Baldwin.....	do.....	81.60
	F. Newman.....	do.....	97.80
	J. C. Hayden.....	do.....	81.60
	J. I. Widmeyer.....	do.....	97.80
	O. W. Roberts.....	do.....	97.80
	D. P. McCallum.....	do.....	97.80
	A. F. Sims et al.....	do.....	228.80
	J. B. Marbury et al.....	do.....	313.80
	E. W. McGann et al.....	do.....	190.80
	D. Fisher et al.....	do.....	155.00
	O. L. Fassig et al.....	do.....	369.59
	W. A. Mitchell et al.....	do.....	156.60
	B. H. Bronson et al.....	do.....	243.00
	S. M. Blandford et al.....	do.....	243.00
	J. W. Smith et al.....	do.....	667.00
	D. Cuthbertson et al.....	do.....	477.80
	P. H. Smyth et al.....	do.....	174.40
	A. J. Davis et al.....	do.....	150.00
	J. H. Smith et al.....	do.....	187.60
	L. N. Jesunofsky et al.....	do.....	229.80
	L. M. Pindell et al.....	do.....	217.00
	W. S. Palmer et al.....	do.....	220.00
	H. J. Cox et al.....	do.....	939.20
	S. S. Bassler et al.....	do.....	442.00
	J. Kenealy et al.....	do.....	432.20
	A. E. Hackett et al.....	do.....	215. 0
	J. W. Bauer et al.....	do.....	244.40
	F. Jerrin et al.....	do.....	127.20
	J. M. Sherier et al.....	do.....	203.80
	F. H. Brandenburg et al.....	do.....	533.00
	G. M. Chappel et al.....	do.....	409.20
	N. B. Conger et al.....	do.....	542.80
	O. Parker et al.....	do.....	155.00
	H. W. Richardson et al.....	do.....	301.60
	D. C. Murphy et al.....	do.....	127.20
	G. B. Wurtz et al.....	do.....	127.20
	J. L. Cline et al.....	do.....	145.20
	T. S. Collins et al.....	do.....	156.60
	G. Reeder et al.....	do.....	203.80
	L. H. Murdoch et al.....	do.....	471.40
	C. F. Schneider et al.....	do.....	317.80
	F. W. Conrad et al.....	do.....	127.20
	O. L. Blue et al.....	do.....	97.80
	M. W. Hayes et al.....	do.....	233.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 30	S. W. Glenn et al.	Salary.	\$233.20
	R. G. Allen et al.	do.	352.80
	A. J. Mitchell et al.	do.	352.20
	P. Connor et al.	do.	352.20
	H. C. Cook et al.	do.	117.60
	R. Q. Grant et al.	do.	127.20
	G. A. Loveland et al.	do.	399.40
	E. B. Richards et al.	do.	409.20
	G. E. Franklin et al.	do.	249.40
	G. N. Wilson et al.	do.	146.80
	S. C. Emery et al.	do.	327.60
	T. S. Outram et al.	do.	437.20
	W. M. Dudley et al.	do.	205.40
	F. P. Chaffee et al.	do.	341.37
	G. E. Grimes et al.	do.	120.80
	H. C. Bate et al.	do.	512.20
	L. M. Tarr et al.	do.	243.00
	I. M. Cline et al.	do.	624.40
	J. J. Gray et al.	do.	311.40
	C. M. Strong et al.	do.	317.80
	L. A. Welsh et al.	do.	301.60
	J. G. Linsley et al.	do.	146.80
	E. C. Vose, et al.	do.	233.20
	B. Bunnemeyer et al.	do.	137.00
	T. F. Townsend et al.	do.	676.80
	Geo. Hass Hagen et al.	do.	137.00
	F. Ridgway et al.	do.	430.40
	E. A. Brown et al.	do.	137.00
	E. P. Jones et al.	do.	217.00
	E. A. Beals et al.	do.	680.00
	J. P. Slaughter et al.	do.	166.20
	C. F. von Herrmann et al.	do.	353.80
	L. M. Dey et al.	do.	233.20
	L. H. Daingerfield et al.	do.	358.80
	W. E. Oliver et al.	do.	179.40
	A. Buell et al.	do.	213.60
	R. J. Hyatt et al.	do.	326.20
	F. A. Carpenter et al.	do.	137.00
	E. H. Nimmo et al.	do.	121.28
	A. G. McAdie et al.	do.	776.20
	R. M. Hardinge et al.	do.	203.80
	A. G. Burns	do.	106.00
	H. B. Boyer et al.	do.	233.20
	F. H. Clarke et al.	do.	210.40
	G. N. Salisbury et al.	do.	327.60
	J. W. Cronk et al.	do.	127.20
	Chas. Stewart et al.	do.	174.40
	W. G. Burns et al.	do.	356.00
	J. S. Hazen et al.	do.	137.00
	A. McC. Ashley et al.	do.	233.20
	L. C. Cover et al.	do.	164.80
	N. R. Taylor et al.	do.	156.60
	F. R. Beahan et al.	do.	166.20
	W. S. Currier et al.	do.	243.00
	W. S. Belden et al.	do.	288.40
	G. T. Todd et al.	do.	135.40
	G. W. Felger et al.	do.	166.20
	F. H. Duff et al.	do.	137.00
	R. M. Geddings et al.	do.	166.20
	J. Warren Smith et al.	do.	520.22
	A. Ashenberger et al.	do.	137.00
	T. J. Considine et al.	do.	226.80
	E. R. Demain et al.	do.	194.20
	S. L. Doshier et al.	do.	130.60
	R. B. Harkness et al.	do.	127.20
	W. M. Fulton et al.	do.	215.00
	H. B. Hersey et al.	do.	556.00
	J. R. Weeks et al.	do.	127.20
	L. A. Denson et al.	do.	137.00
	W. M. Wilson et al.	do.	499.00
	E. H. Emery et al.	do.	667.20
	W. A. Shaw et al.	do.	122.20
	M. E. Blystone et al.	do.	243.00
	J. H. Scarr et al.	do.	127.20
	U. G. Purssell et al.	do.	135.40
	J. M. Watson et al.	do.	127.20
	T. B. Jennings et al.	do.	233.20
	G. W. Eddey	do.	97.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 30	A. Drinkwater.....	Salary.....	\$49.00
	N. D. Lane.....	do.....	97.80
	E. L. Renoe.....	do.....	25.00
	G. W. Scott.....	do.....	97.80
	E. C. Hobbs.....	do.....	81.60
	W. D. Maxwell.....	do.....	97.80
	E. H. Bowie.....	do.....	146.80
	M. A. Robinson.....	do.....	68.40
	S. Hackett.....	do.....	58.80
	G. L. Lovett.....	do.....	22.50
	E. A. Evans et al.....	do.....	428.29
	W. E. Donaldson et al.....	do.....	164.80
	M. H. Sadler.....	do.....	18.00
	J. R. Frederick.....	do.....	33.51
	W. U. Simons.....	do.....	97.80
	M. Connell.....	do.....	97.80
	Total first quarter.....		117,750.19
Oct. 3	R. H. Dean et al.....	Salary.....	122.80
	Thos. Gibson.....	do.....	81.60
5	E. J. Glass.....	do.....	97.80
	W. T. Blythe et al.....	do.....	394.60
12	G. R. Oberholzer et al.....	do.....	137.00
20	K. H. Patrick.....	do.....	29.00
31	A. F. Sims et al.....	do.....	237.60
	F. H. Duff et al.....	do.....	141.50
	R. M. Geddings et al.....	do.....	171.90
	J. B. Marbury et al.....	do.....	424.60
	E. W. McGann et al.....	do.....	197.10
	O. L. Fassig et al.....	do.....	436.20
	W. A. Mitchell et al.....	do.....	161.70
	B. H. Bronson et al.....	do.....	251.00
	S. M. Blandford et al.....	do.....	251.00
	J. W. Smith et al.....	do.....	689.00
	D. Cuthbertson et al.....	do.....	493.60
	P. H. Smyth et al.....	do.....	180.30
	A. J. Davis et al.....	do.....	205.50
	J. H. Smith et al.....	do.....	193.70
	L. N. Jesunofsky et al.....	do.....	237.60
	G. R. Oberholzer et al.....	do.....	141.50
	L. M. Pindell et al.....	do.....	224.00
	W. S. Palmer et al.....	do.....	227.50
	H. J. Cox et al.....	do.....	970.40
	S. S. Bassler et al.....	do.....	456.50
	J. Kencaly et al.....	do.....	446.40
	A. E. Hackett et al.....	do.....	222.50
	J. W. Bauer et al.....	do.....	252.80
	J. Warren Smith et al.....	do.....	547.50
	F. Jermin et al.....	do.....	240.90
	J. M. Sherier et al.....	do.....	210.60
	F. H. Brandenburg et al.....	do.....	621.80
	G. M. Chappell et al.....	do.....	422.90
	N. B. Conger et al.....	do.....	473.40
	O. Parker et al.....	do.....	160.00
	H. W. Richardson et al.....	do.....	311.70
	D. C. Murphy et al.....	do.....	131.40
	A. Ashenberger et al.....	do.....	141.50
	T. J. Considine et al.....	do.....	234.10
	G. B. Wurtz et al.....	do.....	131.40
	A. Brand et al.....	do.....	141.50
	T. S. Collins et al.....	do.....	161.70
	G. Reeder et al.....	do.....	210.60
	L. H. Murdoch et al.....	do.....	486.80
	C. F. Schneider et al.....	do.....	328.60
	F. W. Conrad et al.....	do.....	131.40
	O. L. Blue et al.....	do.....	101.10
	E. R. Demain et al.....	do.....	139.80
	S. L. Doshier et al.....	do.....	134.70
	M. W. Hayes et al.....	do.....	240.90
	R. B. Harkness et al.....	do.....	131.40
	S. W. Glenn et al.....	do.....	342.00
	W. T. Blythe et al.....	do.....	407.70
	R. G. Allen et al.....	do.....	343.60
	A. J. Mitchell et al.....	do.....	363.90
	P. Connor et al.....	do.....	363.90
	W. U. Simons et al.....	do.....	194.91
	W. M. Fulton et al.....	do.....	151.70
	R. Q. Grant et al.....	do.....	131.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 31	G. A. Loveland et al.	Salary.	\$412.80
	E. B. Richards et al.	do.	422.90
	G. E. Franklin et al.	do.	257.80
	H. B. Hersey et al.	do.	574.50
	G. N. Wilson et al.	do.	151.60
	J. N. Weeks et al.	do.	131.40
	H. R. Patrick et al.	do.	127.51
	S. C. Emery et al.	do.	338.70
	L. A. Denson et al.	do.	141.50
	W. M. Wilson et al.	do.	586.30
	T. S. Outram et al.	do.	451.40
	W. M. Dudley et al.	do.	137.28
	F. P. Chaffee et al.	do.	323.50
	G. E. Grimes et al.	do.	124.60
	H. C. Bate et al.	do.	468.30
	L. M. Tarr et al.	do.	251.00
	I. M. Cline et al.	do.	645.30
	E. H. Emery et al.	do.	688.90
	W. A. Shaw et al.	do.	126.40
	C. M. Strong et al.	do.	328.60
	L. A. Welsh et al.	do.	311.70
	J. G. Linsley et al.	do.	151.60
	E. C. Vose et al.	do.	240.90
	B. Bunnemeyer et al.	do.	141.50
	T. F. Townsend et al.	do.	699.10
	Geo. HassHagen et al.	do.	141.50
	F. Ridgway et al.	do.	444.80
	E. A. Brown et al.	do.	141.50
	E. P. Jones et al.	do.	224.00
	E. A. Beals et al.	do.	631.70
	J. P. Slaughter et al.	do.	171.90
	C. F. von Herrmann et al.	do.	365.60
	E. A. Evans et al.	do.	448.10
	L. M. Dey et al.	do.	240.90
	E. H. Bowie et al.	do.	539.10
	W. E. Oliver et al.	do.	185.30
	J. H. Scarr et al.	do.	131.40
	A. Buell et al.	do.	220.70
	P. A. Carpenter et al.	do.	141.50
	E. H. Nimmo et al.	do.	131.40
	A. G. McAdie et al.	do.	801.90
	R. M. Hardinge et al.	do.	210.60
	H. B. Boyer et al.	do.	240.90
	F. H. Clarke et al.	do.	217.30
	G. N. Salsbury et al.	do.	338.70
	J. W. Cronk et al.	do.	131.40
	U. G. Purssell et al.	do.	139.80
	C. Stewart et al.	do.	180.30
	W. G. Burns et al.	do.	347.00
	J. S. Hazen et al.	do.	141.50
	A. McC. Ashley et al.	do.	240.90
	L. C. Cover et al.	do.	170.10
	N. R. Taylor et al.	do.	161.70
	F. R. Beahan et al.	do.	170.76
	J. M. Watson et al.	do.	131.40
	W. S. Currier et al.	do.	251.00
	T. B. Jennings et al.	do.	240.90
	W. S. Belden et al.	do.	298.30
	G. T. Todd et al.	do.	139.80
	G. W. Felger et al.	do.	171.90
	P. Wood.	do.	101.10
	G. W. Eddy.	do.	101.10
	W. C. McGuinness.	do.	101.10
	H. E. Hobbs.	do.	70.80
	J. J. O'Donnell.	do.	84.20
	W. L. Day.	do.	101.10
	G. L. Lovett.	do.	11.29
	J. W. Byram.	do.	101.10
	A. Drinkwater.	do.	50.50
	M. B. Stubbs.	do.	70.80
	H. C. Howe.	do.	101.10
	W. T. Lathrop.	do.	84.20
	E. D. Emigh.	do.	84.20
	N. D. Lane.	do.	101.10
	A. H. Bell.	do.	101.10
	C. E. Johnson.	do.	60.60
	E. L. Renoe.	do.	25.00
	R. H. Sullivan.	do.	101.10
	W. C. Devereaux.	do.	84.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 31	C. W. Ling.....	Salary.....	\$84.20
	C. C. Garrett.....	do.....	70.80
	H. P. Hardin.....	do.....	84.20
	H. B. Dick.....	do.....	84.20
	J. J. Doshier.....	do.....	60.60
	F. Z. Gosewisch.....	do.....	101.10
	G. W. Scott.....	do.....	101.10
	H. F. Alps.....	do.....	84.20
	A. W. Kennie.....	do.....	25.00
	E. H. Hughes.....	do.....	55.60
	J. A. Balster.....	do.....	55.60
	H. W. Grasse.....	do.....	84.20
	E. C. Hobbs.....	do.....	84.20
	H. Legler.....	do.....	70.80
	L. S. Parrott.....	do.....	60.60
	J. C. Piercy.....	do.....	101.10
	M. E. Conway.....	do.....	70.80
	J. J. Kelliher.....	do.....	84.20
	P. De Graw.....	do.....	84.20
	C. Adie.....	do.....	70.80
	P. McDonough.....	do.....	101.10
	W. W. Thomas.....	do.....	70.80
	W. D. Maxwell.....	do.....	101.10
	T. Gibson.....	do.....	84.20
	M. Connell.....	do.....	101.10
	C. H. Richardson.....	do.....	84.20
	B. C. Kadel.....	do.....	70.80
	A. G. Burns.....	do.....	109.50
	L. Dorman.....	do.....	52.19
	J. Lopez.....	do.....	40.40
	M. A. Robinson.....	do.....	70.80
	E. C. Thompson.....	do.....	126.40
	H. C. Cook.....	do.....	60.60
	J. R. Williams.....	do.....	101.10
	S. Boykin.....	do.....	70.80
	A. H. Thiessen.....	do.....	126.40
	A. E. Heath.....	do.....	60.60
	H. McP. Baldwin.....	do.....	84.20
	J. C. Hayden.....	do.....	84.20
	J. I. Widmeyer.....	do.....	101.10
	J. N. Ryker.....	do.....	101.10
	O. W. Roberts.....	do.....	101.10
	S. Hackett.....	do.....	60.60
	E. J. Glass.....	do.....	101.10
	R. J. Hyatt et al.....	do.....	336.90
	J. J. Gray et al.....	do.....	321.80
	M. E. Blystone et al.....	do.....	251.00
	R. H. Dean et al.....	do.....	126.10
	D. Fisher et al.....	do.....	160.00
	W. E. Donaldson et al.....	do.....	170.10
	J. F. Voorhees.....	do.....	43.40
Nov. 7	R. Hazzard.....	do.....	45.01
	do.....	do.....	13.50
10	J. P. Bolton.....	do.....	101.10
	F. Newman.....	do.....	101.10
	A. S. Ashley.....	do.....	30.00
	P. Baur.....	do.....	35.00
	W. Layton.....	do.....	15.00
	E. B. Richards.....	do.....	61.14
	W. T. Blythe.....	do.....	12.00
30	A. F. Sims et al.....	do.....	229.80
	F. H. Duff et al.....	do.....	137.00
	J. B. Marbury et al.....	do.....	410.80
	E. W. McGann et al.....	do.....	190.80
	D. Fisher et al.....	do.....	155.00
	O. L. Fassig et al.....	do.....	422.60
	W. A. Mitchell et al.....	do.....	156.60
	B. H. Bronson et al.....	do.....	243.00
	S. M. Blandford et al.....	do.....	243.00
	J. W. Smith et al.....	do.....	675.61
	D. Cuthbertson et al.....	do.....	477.80
	P. H. Smyth et al.....	do.....	174.40
	J. F. Newsom et al.....	do.....	278.88
	J. H. Smith et al.....	do.....	187.60
	L. M. Pindell et al.....	do.....	217.00
	L. N. Jesunofsky et al.....	do.....	229.80
	G. R. Oberholzer et al.....	do.....	137.00
	W. S. Palmer et al.....	do.....	220.00
	H. J. Cox et al.....	do.....	939.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 30	S. S. Bassler et al.	Salary	\$42.00
	J. Kenealy et al.	do	414.67
	A. E. Hackett et al.	do	146.60
	J. W. Bauer et al.	do	244.40
	J. Warren Smith et al.	do	530.00
	J. L. Cline et al.	do	127.20
	J. M. Sherier et al.	do	203.80
	F. H. Brandenburg et al.	do	572.00
	G. M. Chappel et al.	do	409.20
	N. B. Conger et al.	do	458.20
	O. Parker et al.	do	155.00
	H. W. Richardson et al.	do	301.60
	D. C. Murphy et al.	do	127.20
	L. Dorman et al.	do	137.00
	T. J. Considine et al.	do	226.80
	G. B. Wurtz et al.	do	137.00
	A. Brand et al.	do	137.00
	T. S. Collins et al.	do	156.60
	G. Reeder et al.	do	203.80
	L. H. Murdoch et al.	do	471.40
	C. F. Schneider et al.	do	317.80
	F. W. Conrad et al.	do	127.20
	F. Jermin et al.	do	166.20
	E. R. Demain et al.	do	203.80
	S. L. Doshier et al.	do	130.60
	M. W. Hayes et al.	do	233.20
	R. B. Harkness et al.	do	127.20
	S. W. Glenn et al.	do	331.00
	W. T. Blythe et al.	do	394.60
	R. G. Allen et al.	do	332.80
	A. J. Mitchell et al.	do	341.37
	P. Connor et al.	do	352.20
	W. U. Simons et al.	do	156.60
	W. M. Fulton et al.	do	146.60
	R. Q. Grant et al.	do	127.20
	R. H. Dean et al.	do	122.80
	G. A. Loveland et al.	do	409.20
	O. C. Burrows et al.	do	287.00
	G. E. Franklin et al.	do	249.40
	H. B. Hersey et al.	do	530.64
	G. N. Wilson et al.	do	146.80
	J. R. Weeks et al.	do	127.20
	H. R. Patrick et al.	do	127.20
	S. C. Emery et al.	do	327.60
	L. A. Denson et al.	do	137.00
	W. M. Wilson et al.	do	567.40
	T. S. Outram et al.	do	407.80
	W. R. Pratt et al.	do	107.60
	F. P. Chaffee et al.	do	313.00
	G. E. Grimes et al.	do	120.80
	H. C. Bate et al.	do	463.20
	L. M. Tarr et al.	do	243.00
	I. M. Cline et al.	do	624.40
	E. H. Emery et al.	do	667.20
	J. J. Gray et al.	do	239.60
	W. A. Shaw et al.	do	122.20
	C. M. Strong et al.	do	327.60
	J. G. Linsley et al.	do	146.80
	E. C. Vose et al.	do	233.20
	B. Bunnenmeyer et al.	do	137.00
	T. F. Townsend et al.	do	676.80
	M. E. Blystone et al.	do	243.00
	Geo. Hass Hagen et al.	do	137.00
	F. Ridgway et al.	do	430.40
	E. A. Brown et al.	do	137.00
	E. P. Jones et al.	do	217.00
	E. A. Beals et al.	do	611.60
	J. P. Slaughter et al.	do	166.20
	C. F. von Herrmann et al.	do	383.40
	L. M. Dey et al.	do	233.20
	J. H. Scarr et al.	do	127.20
	E. H. Bowie et al.	do	521.80
	W. E. Oliver et al.	do	179.40
	R. J. Hyatt et al.	do	336.00
	A. Buell et al.	do	213.60
	F. A. Carpenter et al.	do	137.00
	E. H. Nimmo et al.	do	127.20
	A. G. McAdie et al.	do	776.20
	R. M. Hardinge et al.	do	203.80

454 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.*

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 30	A. G. Burns et al.	Salary	\$135.40
	H. B. Boyer et al.	do	233.20
	F. H. Clarke et al.	do	210.40
	G. N. Salisbury et al.	do	327.60
	J. W. Cronk et al.	do	127.20
	U. G. Pursell et al.	do	135.40
	C. Stewart et al.	do	174.40
	W. G. Burns et al.	do	336.00
	J. S. Hazen et al.	do	137.00
	A. McC. Ashley et al.	do	233.20
	L. C. Cover et al.	do	164.80
	N. R. Taylor et al.	do	156.60
	F. R. Beahan et al.	do	166.20
	J. M. Watson et al.	do	127.20
	W. S. Currier et al.	do	243.00
	T. B. Jennings et al.	do	233.20
	W. S. Belden et al.	do	288.40
	G. T. Todd et al.	do	135.40
	G. W. Felger et al.	do	166.20
	G. W. Eddey	do	97.80
	P. Wood	do	97.80
	W. C. McGuiness	do	97.80
	H. E. Hobbs	do	68.40
	W. L. Day	do	97.80
	J. J. O'Donnell	do	81.60
	G. L. Lovett	do	25.00
	M. B. Stubbs	do	68.40
	E. D. Coberly	do	6.85
	J. W. Byram	do	97.80
	H. C. Howe	do	97.80
	W. T. Lathrop	do	81.60
	A. Drinkwater	do	49.00
	E. D. Emigh	do	81.60
	C. E. Johnson	do	58.80
	A. Ashenberger	do	45.65
	A. H. Bell	do	97.80
	J. P. Bolton	do	97.80
	R. H. Sullivan	do	97.80
	W. C. Devereaux	do	81.60
	C. W. Ling	do	81.60
	C. C. Garrett	do	68.40
	H. P. Hardin	do	81.60
	H. B. Dick	do	81.60
	F. Z. Gosewisch	do	97.80
	H. Johnson	do	45.00
	J. J. Doshier	do	58.80
	G. W. Scott	do	97.80
	H. F. Alps	do	81.60
	E. B. Richards	do	61.06
	A. W. Kennie	do	25.00
	E. C. Hobbs	do	81.60
	A. Ashenberger	do	56.52
	H. W. Grasse	do	81.60
	J. A. Balster	do	53.80
	E. H. Hughes	do	53.80
	W. G. Wilson	do	32.70
	H. Legler	do	68.40
	M. E. Conway	do	68.40
	L. S. Parrott	do	58.80
	J. J. Kelliher	do	81.60
	J. C. Piercy	do	97.80
	P. McDonough	do	97.80
	D. C. Grunow	do	81.60
	W. W. Thomas	do	68.40
	C. Adie	do	68.40
	P. DeCraw	do	81.60
	W. D. Maxwell	do	97.80
	M. Connell	do	97.80
	T. Gibson	do	81.60
	H. C. Cook	do	58.80
	M. A. Robinson	do	68.40
	E. C. Thompson	do	122.20
	J. Lopez	do	39.20
	J. R. Williams	do	97.80
	C. H. Richardson	do	81.60
	B. C. Kadel	do	68.40
	N. D. Lane	do	97.80
	A. E. Heath	do	58.80
	H. McP. Baldwin	do	81.60
	F. Newman	do	97.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 30	J. C. Hayden.....	Salary.....	\$81.60
	J. I. Widmeyer.....	do.....	97.80
	O. W. Roberts.....	do.....	97.80
	J. N. Ryker.....	do.....	97.80
	S. Hackett.....	do.....	58.80
	E. L. Renoe.....	do.....	25.00
	R. M. Geddings et al.....	do.....	166.20
	W. E. Donaldson et al.....	do.....	164.80
	E. A. Evans et al.....	do.....	433.80
Dec 5	L. A. Welsh et al.....	do.....	301.60
	F. L. Pollock.....	do.....	25.00
	W. Layton.....	do.....	14.00
	A. H. Thiessen.....	do.....	122.20
	E. J. Glass.....	do.....	97.80
	S. Boykin.....	do.....	22.75
	F. R. Wicks.....	do.....	10.81
14	P. Baur.....	do.....	27.00
	E. I. Chute.....	do.....	100.00
22	W. T. Blythe.....	do.....	68.00
	A. S. Ashley.....	do.....	30.00
	H. M. Hart.....	do.....	13.75
	W. C. Irwin.....	do.....	11.00
31	A. F. Sims et al.....	do.....	237.60
	R. M. Geddings et al.....	do.....	171.90
	J. B. Marbury et al.....	do.....	424.60
	E. W. McGann et al.....	do.....	166.80
	D. Fisher et al.....	do.....	160.00
	O. L. Fassig et al.....	do.....	436.20
	W. A. Mitchell et al.....	do.....	161.70
	B. H. Bronson et al.....	do.....	251.00
	S. M. Blandford et al.....	do.....	251.00
	J. W. Smith et al.....	do.....	690.27
	D. Cuthbertson et al.....	do.....	493.60
	J. F. Newsom et al.....	do.....	289.70
	J. H. Smith et al.....	do.....	193.70
	L. N. Jesunofsky et al.....	do.....	237.60
	G. R. Oberholzer et al.....	do.....	141.50
	L. M. Pindell et al.....	do.....	224.00
	W. S. Palmer et al.....	do.....	227.50
	H. J. Cox et al.....	do.....	970.40
	S. S. Bassler et al.....	do.....	456.50
	J. Kenealy et al.....	do.....	436.20
	A. E. Hackett et al.....	do.....	222.50
	J. W. Bauer et al.....	do.....	266.20
	J. Warren Smith et al.....	do.....	547.50
	J. L. Cline et al.....	do.....	131.40
	J. M. Sherier et al.....	do.....	210.60
	F. H. Brandenburg et al.....	do.....	621.80
	G. M. Chappel et al.....	do.....	422.90
	N. B. Conger et al.....	do.....	473.40
	O. Parker et al.....	do.....	160.00
	H. W. Richardson et al.....	do.....	311.70
	D. C. Murphy et al.....	do.....	131.40
	G. B. Wurtz et al.....	do.....	141.50
	A. Brand et al.....	do.....	141.50
	T. S. Collins et al.....	do.....	161.70
	G. Reeder et al.....	do.....	216.60
	L. H. Murdoch et al.....	do.....	486.80
	C. F. Schneider et al.....	do.....	328.60
	F. W. Conrad et al.....	do.....	131.40
	F. Jermin et al.....	do.....	171.90
	E. R. Demain et al.....	do.....	210.60
	S. L. Doshier et al.....	do.....	134.70
	M. W. Hayes et al.....	do.....	240.90
	R. B. Harkness et al.....	do.....	131.40
	S. W. Glenn et al.....	do.....	240.90
	W. T. Blythe et al.....	do.....	501.00
	R. G. Allen et al.....	do.....	343.60
	A. J. Mitchell et al.....	do.....	353.80
	P. Connor et al.....	do.....	363.90
	W. M. Fulton et al.....	do.....	151.70
	R. Q. Grant et al.....	do.....	131.40
	R. H. Dean et al.....	do.....	126.10
	G. A. Loveland et al.....	do.....	422.90
	E. B. Richards et al.....	do.....	422.90
	G. E. Franklin et al.....	do.....	318.40
	G. N. Wilson et al.....	do.....	151.60
	J. R. Weeks et al.....	do.....	131.40
	H. R. Patrick et al.....	do.....	131.40
	S. C. Emery et al.....	do.....	338.70

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 31	L. A. Denson et al.	Salary	\$141.50
	W. M. Wilson et al.	do	515.50
	T. S. Outram et al.	do	421.10
	A. Ashenberger et al.	do	220.70
	F. P. Chaffee et al.	do	323.50
	G. E. Grimes et al.	do	124.60
	H. C. Bate et al.	do	478.40
	L. M. Tarr et al.	do	251.00
	I. M. Cline et al.	do	593.67
	E. H. Emery et al.	do	688.90
	J. J. Gray et al.	do	247.70
	W. A. Shaw et al.	do	126.40
	C. M. Strong et al.	do	338.70
	L. A. Welsh et al.	do	311.70
	J. G. Linsley et al.	do	151.60
	E. C. Vose et al.	do	240.90
	B. Bunnemeyer et al.	do	141.50
	T. F. Townsend et al.	do	699.10
	M. E. Blystone et al.	do	210.60
	Geo. Hass Hagen et al.	do	141.50
	F. Ridgway et al.	do	425.23
	E. P. Jones et al.	do	224.00
	E. A. Beals et al.	do	601.40
	E. A. Brown et al.	do	141.50
	J. P. Slaughter et al.	do	171.90
	C. F. von Herrmann et al.	do	335.20
	E. A. Evans et al.	do	448.10
	L. M. Dey et al.	do	240.90
	J. H. Scarr et al.	do	131.40
	E. H. Bowie et al.	do	539.10
	W. E. Oliver et al.	do	185.30
	A. Buell et al.	do	220.70
	F. A. Carpenter et al.	do	141.50
	E. H. Nimmo et al.	do	131.40
	A. G. McAdie et al.	do	801.90
	R. M. Hardinge et al.	do	210.60
	R. J. Hyatt et al.	do	347.00
	A. G. Burns et al.	do	139.80
	H. B. Boyer et al.	do	240.90
	F. H. Clarke et al.	do	217.30
	G. N. Salisbury et al.	do	338.70
	J. W. Cronk et al.	do	131.40
	U. G. Purssell et al.	do	139.80
	C. Stewart et al.	do	180.30
	W. G. Burns et al.	do	347.00
	J. S. Hazen et al.	do	141.50
	A. McC. Ashley et al.	do	240.90
	L. C. Cover et al.	do	170.10
	N. R. Taylor et al.	do	161.70
	F. R. Beahan et al.	do	171.90
	J. M. Watson et al.	do	131.40
	W. S. Currier et al.	do	237.60
	T. B. Jennings et al.	do	240.90
	W. S. Belden et al.	do	298.30
	G. T. Todd et al.	do	139.80
	G. W. Felger et al.	do	171.90
	W. E. Donaldson et al.	do	170.10
	T. J. Considine et al.	do	234.10
	W. U. Simons et al.	do	161.70
	G. W. Eddey	do	101.10
	P. Wood	do	101.10
	R. D. Pettet	do	35.54
	W. C. McGuiness	do	101.10
	W. L. Day	do	101.10
	G. L. Lovett	do	25.00
	J. W. Byram	do	101.10
	H. C. Howe	do	101.10
	E. D. Emigh	do	84.20
	C. E. Johnson	do	60.60
	A. H. Bell	do	101.10
	E. L. Renoe	do	25.00
	J. P. Bolton	do	101.10
	R. H. Sullivan	do	101.10
	W. C. Devereaux	do	84.20
	C. W. Ling	do	84.20
	C. C. Garrett	do	70.80
	H. F. Hardin	do	84.20
	H. B. Dick	do	84.20
	F. Z. Gosewisch	do	101.10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 31	J. J. Doshier.....	Salary.....	\$60.60
	J. F. Voorhees.....	do.....	52.54
	G. W. Scott.....	do.....	101.10
	H. F. Alps.....	do.....	84.20
	A. W. Kenzie.....	do.....	25.00
	E. C. Hobbs.....	do.....	84.20
	H. McP. Baldwin.....	do.....	84.20
	H. W. Grasse.....	do.....	84.20
	H. Legler.....	do.....	70.80
	J. A. Balster.....	do.....	55.60
	E. H. Hughes.....	do.....	55.60
	M. E. Conway.....	do.....	70.80
	R. T. Lindley.....	do.....	70.80
	L. S. Parrott.....	do.....	60.60
	J. C. Piercy.....	do.....	101.10
	P. McDonough.....	do.....	101.10
	D. C. Grunow.....	do.....	84.20
	W. W. Thomas.....	do.....	70.80
	A. H. Thiessen.....	do.....	126.40
	W. D. Maxwell.....	do.....	101.10
	M. Connell.....	do.....	101.10
	Thos. Gibson.....	do.....	84.20
	E. C. Thompson.....	do.....	126.40
	M. A. Robinson.....	do.....	70.80
	J. Lopez.....	do.....	40.40
	J. R. Williams.....	do.....	101.10
	A. E. Heath.....	do.....	60.60
	D. P. McCallum.....	do.....	101.10
	F. Newman.....	do.....	101.10
	E. J. Glass.....	do.....	101.10
	J. C. Hayden.....	do.....	84.20
	J. I. Widmeyer.....	do.....	101.10
	J. N. Ryker.....	do.....	101.10
	S. Hackett.....	do.....	60.60
	F. H. Duff et al.....	do.....	141.50
	P. H. Smyth et al.....	do.....	208.64
	H. B. Hersey et al.....	do.....	615.89
	A. P. Hamlin et al.....	do.....	109.46
	B. Parry.....	do.....	13.70
	A. Drinkwater.....	do.....	31.30
	.....do.....	do.....	24.46
	N. D. Lane.....	do.....	101.10
	C. H. Richardson.....	do.....	84.20
	H. Johnson.....	do.....	30.00
	O. W. Roberts.....	do.....	101.10
	L. Dorman et al.....	do.....	125.20
	W. T. Lathrop.....	do.....	84.20
	J. J. Kelliher.....	do.....	84.20
	A. M. Hamrick.....	do.....	2.01
	B. C. Kadel.....	do.....	70.80
	J. J. O'Donnell.....	do.....	84.20
	Total, second quarter.....		117,763.06
1904. Jan. 11	W. G. Wilson.....	Salary.....	50.50
	F. Lewis.....	do.....	27.00
	F. P. Evans.....	do.....	15.65
	C. C. Starkey.....	do.....	39.00
	D. Baxter.....	do.....	30.00
	C. C. Kelley.....	do.....	30.00
	A. C. Ashley.....	do.....	18.00
	C. Adie.....	do.....	54.78
14	G. Harrison.....	do.....	27.00
	C. W. Pike.....	do.....	40.40
18	G. Harrison.....	do.....	2.00
31	A. F. Sims et al.....	do.....	240.10
	F. H. Duff et al.....	do.....	143.10
	J. B. Marbury et al.....	do.....	389.97
	E. W. McGann et al.....	do.....	209.50
	R. M. Geddings et al.....	do.....	173.70
	D. Fisher et al.....	do.....	161.80
	O. L. Fassig et al.....	do.....	441.20
	W. A. Mitchell et al.....	do.....	163.50
	B. H. Bronson et al.....	do.....	253.80
	S. M. Blandford et al.....	do.....	253.80
	J. W. Smith et al.....	do.....	768.30
	D. Cuthbertson et al.....	do.....	499.00
	P. H. Smyth et al.....	do.....	212.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 31	J. F. Newsom et al.	Salary	\$293.00
	J. H. Smith et al.	do	195.90
	L. N. Jesunofsky et al.	do	240.10
	G. R. Oberholzer et al.	do	143.10
	L. M. Pindell et al.	do	226.60
	W. S. Palmer et al.	do	229.90
	H. J. Cox et al.	do	810.80
	S. S. Bassler et al.	do	484.55
	J. Kenealy et al.	do	441.20
	A. E. Hackett et al.	do	224.70
	J. W. Bauer et al.	do	269.10
	J. Warren Smith et al.	do	553.60
	J. L. Cline et al.	do	106.16
	J. M. Sherrier et al.	do	212.90
	F. H. Brandenburg et al.	do	628.40
	G. M. Chappel et al.	do	447.90
	N. B. Conger et al.	do	478.60
	O. Parker et al.	do	161.80
	H. W. Richardson et al.	do	315.10
	D. C. Murphy et al.	do	132.90
	L. Dorman et al.	do	143.10
	T. J. Considine et al.	do	236.80
	G. B. Wurtz et al.	do	143.10
	A. Brand et al.	do	143.10
	T. S. Collins et al.	do	163.50
	Geo. Reeder et al.	do	212.90
	L. H. Murdoch et al.	do	492.30
	C. F. Schneider et al.	do	332.10
	F. W. Conrad et al.	do	132.90
	F. Jermin et al.	do	173.70
	E. R. Demain et al.	do	212.90
	S. L. Doshier et al.	do	136.30
	M. W. Hayes et al.	do	243.60
	R. B. Harkness et al.	do	132.90
	S. W. Glenn et al.	do	243.60
	W. T. Blythe et al.	do	514.40
	R. G. Allen et al.	do	347.50
	A. J. Mitchell et al.	do	357.70
	P. Connor et al.	do	367.90
	W. M. Fulton et al.	do	224.70
	R. Q. Grant et al.	do	132.90
	R. H. Dean et al.	do	127.20
	G. A. Loveland et al.	do	427.50
	E. B. Richards et al.	do	427.50
	G. E. Franklin et al.	do	291.20
	H. B. Hersey et al.	do	570.60
	G. N. Wilson et al.	do	153.30
	H. R. Patrick et al.	do	132.90
	S. C. Emery et al.	do	342.30
	W. M. Wilson et al.	do	592.70
	T. S. Outram et al.	do	425.90
	A. Ashenberger et al.	do	223.10
	F. P. Chaffee et al.	do	357.70
	G. E. Grimes et al.	do	126.10
	H. C. Bate et al.	do	555.30
	L. M. Tarr et al.	do	253.80
	I. M. Cline et al.	do	644.02
	E. H. Emery et al.	do	696.70
	J. J. Gray et al.	do	335.50
	W. A. Shaw et al.	do	127.70
	C. M. Strong et al.	do	342.30
	L. A. Welsh et al.	do	315.10
	J. G. Linsley et al.	do	153.30
	E. C. Vose et al.	do	243.60
	B. Bunnenmeyer et al.	do	143.10
	T. F. Townsend et al.	do	706.90
	M. E. Blystone et al.	do	243.60
	G. Hass Hagen et al.	do	143.10
	F. Ridgway et al.	do	449.60
	E. A. Brown et al.	do	143.10
	E. P. Jones et al.	do	226.60
	E. A. Beals et al.	do	608.10
	J. P. Slaughter et al.	do	173.70
	C. F. von Herrmann et al.	do	339.00
	E. A. Evans et al.	do	416.16
	L. M. Dey et al.	do	243.60
	J. H. Scarr et al.	do	132.90
	E. H. Bowie et al.	do	545.10
	W. E. Oliver et al.	do	187.40
	R. G. Hyatt et al.	do	350.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total
1904.			
Jan 31	A. Buell et al.	Salary	\$223. 10
	F. A. Carpenter et al.	do.	143. 10
	E. H. Nimmo et al.	do.	132. 90
	A. G. McAdie et al.	do.	810. 80
	R. M. Hardinge et al.	do.	212. 90
	A. G. Burns et al.	do.	141. 40
	H. B. Boyer et al.	do.	243. 60
	F. H. Clarke et al.	do.	249. 70
	G. N. Salisbury et al.	do.	342. 30
	J. W. Cronk et al.	do.	132. 90
	U. G. Pursell et al.	do.	227. 74
	C. Stewart et al.	do.	182. 20
	J. S. Hazen et al.	do.	143. 10
	W. G. Burns et al.	do.	350. 90
	A. McC. Ashley et al.	do.	243. 60
	N. R. Taylor et al.	do.	163. 50
	J. M. Watson et al.	do.	132. 90
	W. S. Currier et al.	do.	240. 10
	W. S. Belden et al.	do.	301. 40
	G. T. Todd et al.	do.	141. 40
	G. W. Felger et al.	do.	173. 70
	G. W. Eddey	do.	102. 20
	P. Wood	do.	102. 20
	W. C. McGuiness	do.	102. 20
	W. L. Day	do.	102. 20
	G. L. Lovett	do.	25. 00
	F. J. Walz	do.	170. 30
	H. C. Howe	do.	102. 20
	J. W. Byram	do.	102. 20
	A. Drinkwater	do.	61. 30
	E. D. Emigh	do.	85. 20
	J. P. Bolton	do.	102. 20
	R. H. Sullivan	do.	102. 20
	W. C. Devereaux	do.	85. 20
	P. De Graw	do.	85. 20
	C. W. Ling	do.	85. 20
	H. P. Hardin	do.	85. 20
	H. B. Dick	do.	85. 20
	F. Z. Gosewisch	do.	102. 20
	J. J. Doshier	do.	61. 30
	H. F. Alps	do.	85. 20
	A. W. Kennie	do.	25. 00
	H. W. Grasse	do.	85. 20
	H. Legler	do.	71. 50
	J. A. Balster	do.	56. 20
	E. H. Hughes	do.	56. 20
	W. G. Wilson	do.	51. 10
	M. E. Conway	do.	71. 50
	L. S. Parrott	do.	61. 30
	J. J. Kelliher	do.	85. 20
	J. C. Piercy	do.	102. 20
	P. McDonough	do.	102. 20
	D. C. Grunow	do.	85. 20
	A. H. Thiessen	do.	127. 70
	W. W. Thomas	do.	71. 50
	W. D. Maxwell	do.	102. 20
	M. Connell	do.	102. 20
	T. Gibson	do.	85. 20
	J. R. Williams	do.	102. 20
	E. C. Thompson	do.	127. 70
	M. A. Robinson	do.	71. 50
	J. Lopez	do.	40. 90
	E. C. Hobbs	do.	85. 20
	F. R. Beahan	do.	102. 20
	J. J. O'Donnell	do.	85. 20
	F. Newman	do.	102. 20
	E. J. Glass	do.	102. 20
	J. C. Hayden	do.	85. 20
	J. I. Widmeyer	do.	102. 20
	O. W. Roberts	do.	102. 20
	J. N. Ryker	do.	102. 20
	S. Hackett	do.	61. 30
	C. E. Johnson	do.	61. 30
	A. H. Bell	do.	102. 20
	G. W. Scott	do.	102. 20
	L. G. Sutton	do.	71. 50
	A. P. Hamlin	do.	61. 30
	W. E. Donaldson et al.	do.	172. 00
	W. U. Simons et al.	do.	224. 80
	L. A. Denson et al.	do.	143. 10

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 31	T. B. Jennings et al.	Salary	\$243.60
	J. A. Barwick	do	41.54
	G. Plogart	do	34.00
	E. L. Renoe	do	25.00
	J. R. Weeks et al.	do	132.90
Feb. 4	A. T. Betzer	do	30.00
	H. McP. Baldwin	do	85.20
	F. Lewis	do	26.00
	A. E. Heath	do	61.30
10	L. C. Cover et al.	do	213.54
	C. C. Garrett	do	71.50
	C. C. Kelley	do	31.50
	C. C. Starkey	do	40.50
	A. J. Kelley	do	30.00
	D. Baxter	do	30.00
	F. P. Evans	do	61.30
	A. W. Dickson	do	48.00
13	N. D. Lane	do	102.20
29	A. F. Sims et al.	do	224.80
	F. H. Duff et al.	do	133.80
	J. B. Marbury et al.	do	334.60
	E. W. McGann et al.	do	196.00
	D. Fisher et al.	do	151.40
	O. L. Fassig et al.	do	412.60
	W. E. Donaldson et al.	do	161.00
	W. A. Mitchell et al.	do	153.00
	B. H. Bronson et al.	do	237.40
	J. W. Smith et al.	do	718.40
	D. Cuthbertson et al.	do	467.00
	P. H. Smyth et al.	do	208.80
	J. F. Newsom et al.	do	274.00
	J. H. Smith et al.	do	183.20
	L. N. Jesunofsky et al.	do	224.80
	G. R. Oberholzer et al.	do	133.80
	L. M. Pindell et al.	do	211.80
	H. J. Cox et al.	do	930.40
	S. S. Bassler et al.	do	489.20
	J. Kenealy et al.	do	412.60
	A. E. Hackett et al.	do	143.60
	J. W. Bauer et al.	do	251.80
	J. W. Smith et al.	do	517.80
	J. M. Sherier et al.	do	199.20
	F. H. Brandenburg et al.	do	588.20
	G. M. Chappel et al.	do	390.40
	N. B. Conger et al.	do	447.80
	O. Parker et al.	do	151.40
	H. W. Richardson et al.	do	294.80
	D. C. Murphy et al.	do	124.20
	L. Dorman et al.	do	133.80
	T. J. Considine et al.	do	221.40
	G. B. Wurtz et al.	do	124.20
	A. Brand et al.	do	199.20
	T. S. Collins et al.	do	153.00
	Geo. Reeder et al.	do	199.20
	L. H. Murdoch et al.	do	460.40
	C. F. Schneider et al.	do	308.42
	F. W. Conrad et al.	do	124.20
	F. Jermin et al.	do	162.60
	E. R. Demain et al.	do	199.20
	M. W. Hayes et al.	do	227.80
	S. W. Glenn et al.	do	227.80
	W. T. Blythe et al.	do	481.20
	R. G. Allen et al.	do	296.40
	A. J. Mitchell et al.	do	344.20
	P. Connor et al.	do	344.20
	R. Q. Grant et al.	do	124.20
	G. A. Loveland et al.	do	400.00
	E. B. Richards et al.	do	400.00
	H. B. Hersey et al.	do	533.80
	G. N. Wilson et al.	do	143.40
	G. E. Franklin et al.	do	272.60
	J. R. Weeks et al.	do	124.20
	H. R. Patrick et al.	do	153.00
	S. C. Emery et al.	do	320.40
	L. A. Denson et al.	do	133.80
	W. M. Wilson et al.	do	554.60
	A. Ashenberger et al.	do	208.80
	F. P. Chaffee et al.	do	334.60
	G. E. Grimes et al.	do	117.80
	H. C. Bate et al.	do	519.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Feb. 29	L. M. Tarr et al.	Salary	\$237.40
	I. M. Cline et al.	do.	610.40
	E. H. Emery et al.	do.	613.40
	W. A. Shaw et al.	do.	119.60
	L. A. Welsh et al.	do.	294.80
	J. G. Linsley et al.	do.	143.40
	E. C. Vose et al.	do.	227.80
	B. Bunnemeyer et al.	do.	133.80
	T. F. Townsend et al.	do.	661.20
	M. E. Blystone et al.	do.	237.40
	F. Ridgway et al.	do.	433.40
	E. A. Brown et al.	do.	133.80
	E. P. Jones et al.	do.	211.80
	E. A. Beals et al.	do.	367.40
	J. F. Slaughter et al.	do.	162.60
	C. F. von Hermann et al.	do.	317.00
	L. M. Dey et al.	do.	227.80
	J. H. Scarr et al.	do.	191.20
	E. H. Bowie et al.	do.	509.80
	W. E. Oliver et al.	do.	175.20
	R. J. Hyatt et al.	do.	323.20
	A. Buell et al.	do.	208.80
	F. A. Carpenter et al.	do.	133.80
	E. H. Nimmo et al.	do.	124.20
	A. G. McAdie et al.	do.	748.80
	R. M. Hardinge et al.	do.	199.20
	A. G. Burns et al.	do.	132.20
	H. B. Boyer et al.	do.	227.80
	F. H. Clarke et al.	do.	189.86
	U. G. Purssell et al.	do.	199.20
	G. N. Salisbury et al.	do.	320.40
	Chas. Stewart et al.	do.	170.60
	W. G. Burns et al.	do.	323.20
	A. McC. Ashley et al.	do.	227.80
	L. C. Cover et al.	do.	161.00
	N. R. Taylor et al.	do.	153.00
	F. R. Beahan et al.	do.	153.00
	J. M. Watson et al.	do.	133.80
	W. S. Currier et al.	do.	224.80
	G. T. Todd et al.	do.	132.20
	G. W. Felger et al.	do.	162.60
	R. M. Geddings et al.	do.	162.60
	S. L. Doshier et al.	do.	127.40
	R. B. Harkness et al.	do.	124.20
	W. M. Fulton et al.	do.	210.60
	Geo. Hass Hagen et al.	do.	133.80
	J. S. Hazen et al.	do.	133.80
	W. S. Belden et al.	do.	282.20
	G. W. Eddey	do.	95.60
	P. Wood	do.	95.60
	W. F. Lehman	do.	37.00
	W. C. McGuinness	do.	95.60
	W. L. Day	do.	95.60
	W. G. Wilson	do.	47.80
	G. L. Lovett	do.	25.00
	H. C. Howe	do.	95.60
	J. W. Byram	do.	95.60
	J. L. Cline	do.	95.60
	E. H. Johnson	do.	30.00
	A. Drinkwater	do.	57.40
	E. D. Emigh	do.	79.60
	C. E. Johnson	do.	57.40
	A. H. Bell	do.	95.60
	J. P. Bolton	do.	87.36
	R. H. Sullivan	do.	95.60
	P. DeGraw	do.	79.60
	C. W. Ling	do.	73.08
	C. C. Garrett	do.	67.00
	H. P. Hardin	do.	79.60
	H. B. Dick	do.	79.60
	F. Z. Gosewisch	do.	95.60
	J. J. Doshier	do.	57.40
	H. F. Alps	do.	79.60
	A. W. Kennie	do.	25.00
	H. McP. Baldwin	do.	79.60
	J. A. Balster	do.	52.60
	H. Legler	do.	67.00
	M. E. Conway	do.	67.00
	L. S. Parrott	do.	57.40
	J. J. Kelliher	do.	79.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 29	J. C. Piercy.....	Salary.....	\$95.60
	P. McDonough.....	do.....	95.60
	D. C. Grunow.....	do.....	79.60
	L. G. Sutton.....	do.....	67.00
	A. H. Thiessen.....	do.....	119.60
	W. W. Thomas.....	do.....	67.00
	W. D. Maxwell.....	do.....	95.60
	M. Connell.....	do.....	95.60
	T. Gibson.....	do.....	79.60
	J. Lopez.....	do.....	38.20
	M. A. Robinson.....	do.....	67.00
	E. C. Thompson.....	do.....	119.60
	J. R. Williams.....	do.....	95.60
	S. M. Hutton.....	do.....	57.40
	E. C. Hobbs.....	do.....	79.60
	A. E. Heath.....	do.....	57.40
	J. J. O'Donnell.....	do.....	79.60
	F. Newman.....	do.....	95.60
	E. J. Glass.....	do.....	95.60
	J. C. Hayden.....	do.....	79.60
	J. I. Widmeyer.....	do.....	95.60
	O. W. Roberts.....	do.....	95.60
	J. N. Ryker.....	do.....	95.60
	E. H. Johnson.....	do.....	7.00
	R. M. Luckenbach.....	do.....	13.85
	G. W. Scott.....	do.....	95.60
	S. Hackett.....	do.....	57.40
	W. S. Palmer et al.....	do.....	215.20
	W. U. Simons et al.....	do.....	162.60
	R. H. Dean et al.....	do.....	120.60
	T. S. Outram et al.....	do.....	372.80
	E. A. Evans et al.....	do.....	385.60
	A. P. Hamlin et al.....	do.....	114.80
	J. W. Cronk et al.....	do.....	124.20
	T. B. Jennings et al.....	do.....	227.80
	J. J. Gray et al.....	do.....	314.00
	C. M. Strong et al.....	do.....	320.40
	N. D. Lane.....	do.....	95.60
	E. L. Renoe.....	do.....	23.28
	E. H. Hughes.....	do.....	52.60
	W. C. Devereaux.....	do.....	79.60
	C. F. Osborn.....	do.....	21.76
	J. W. Lamar.....	do.....	48.00
	E. L. Wells et al.....	do.....	117.80
	W. E. Wythe.....	do.....	2.00
Mar. 7	F. P. Evans.....	do.....	57.40
	S. M. Blandford.....	do.....	37.09
	W. W. Carlisle.....	do.....	79.60
	H. W. Grasse.....	do.....	79.60
	Dahl Baxter.....	do.....	36.00
	A. J. Kelley.....	do.....	27.00
	C. C. Kelley.....	do.....	27.00
	C. C. Starkey.....	do.....	36.00
	C. E. King.....	do.....	12.25
	F. Horton.....	do.....	12.50
15	C. H. Martin.....	do.....	5.93
18	E. Bates.....	do.....	52.00
	E. H. Hughes.....	do.....	16.32
	E. A. Stafford.....	do.....	13.00
31	A. F. Sims et al.....	do.....	240.10
	F. Jermin et al.....	do.....	143.10
	R. M. Hardinge et al.....	do.....	173.70
	J. B. Marbury et al.....	do.....	429.20
	E. W. McGann et al.....	do.....	253.80
	D. Fisher et al.....	do.....	161.80
	O. L. Fassig et al.....	do.....	452.39
	W. A. Mitchell et al.....	do.....	139.78
	B. H. Bronson et al.....	do.....	253.80
	E. L. Wells et al.....	do.....	151.60
	J. W. Smith et al.....	do.....	768.30
	D. Cuthbertson et al.....	do.....	478.60
	P. H. Smyth et al.....	do.....	223.10
	J. F. Newsom et al.....	do.....	293.00
	J. H. Smith et al.....	do.....	195.90
	L. N. Jesunofsky et al.....	do.....	240.10
	G. R. Oberholzer et al.....	do.....	143.10
	L. M. Pindell et al.....	do.....	226.60
	W. S. Palmer et al.....	do.....	229.90
	H. J. Cox et al.....	do.....	1,011.80

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 31	S. S. Bassler et al.	Salary	\$451.40
	J. Kenealy et al.	do.	441.20
	A. E. Hackett et al.	do.	224.70
	J. W. Bauer et al.	do.	269.10
	J. Warren Smith et al.	do.	516.86
	J. L. Cline et al.	do.	132.90
	J. M. Sherier et al.	do.	212.90
	F. H. Brandenburg et al.	do.	628.40
	G. M. Chappel et al.	do.	417.30
	N. B. Conger et al.	do.	478.60
	O. Parker et al.	do.	161.80
	H. W. Richardson et al.	do.	315.10
	D. C. Murphy et al.	do.	143.10
	L. Dorman et al.	do.	143.10
	T. J. Considine et al.	do.	236.80
	G. B. Wurtz et al.	do.	132.90
	A. Brand et al.	do.	212.90
	T. S. Collins et al.	do.	163.50
	Geo. Reeder et al.	do.	212.90
	L. H. Murdoch et al.	do.	502.50
	C. F. Schneider et al.	do.	321.90
	T. W. Conrad et al.	do.	143.10
	E. R. Demain et al.	do.	212.90
	S. L. Dosher et al.	do.	136.30
	R. B. Harkness et al.	do.	132.90
	S. W. Glenn et al.	do.	243.60
	W. T. Blythe et al.	do.	514.40
	R. G. Allen et al.	do.	316.50
	A. J. Mitchell et al.	do.	367.90
	W. M. Fulton et al.	do.	199.20
	P. Connor et al.	do.	367.90
	W. U. Simons et al.	do.	163.50
	R. Q. Grant et al.	do.	132.90
	R. H. Dean et al.	do.	127.20
	E. B. Richards et al.	do.	407.37
	H. B. Hersey et al.	do.	611.50
	G. A. Loveland et al.	do.	427.50
	G. E. Franklin et al.	do.	291.20
	G. N. Wilson et al.	do.	153.30
	J. R. Weeks et al.	do.	132.90
	H. R. Patrick et al.	do.	163.50
	S. C. Emery et al.	do.	342.30
	L. A. Denson et al.	do.	143.10
	W. M. Wilson et al.	do.	592.70
	T. S. Outram et al.	do.	470.10
	A. Ashenberger et al.	do.	223.10
	F. P. Chaffee et al.	do.	357.70
	G. E. Grimes et al.	do.	126.10
	L. M. Tarr et al.	do.	253.80
	I. M. Cline et al.	do.	652.30
	E. H. Emery et al.	do.	717.10
	W. A. Shaw et al.	do.	127.70
	J. J. Gray et al.	do.	335.50
	C. M. Strong et al.	do.	356.00
	L. A. Welsh et al.	do.	315.10
	J. G. Linsley et al.	do.	153.30
	E. C. Vose et al.	do.	243.60
	B. Bunnemeyer et al.	do.	148.35
	T. F. Townsend et al.	do.	706.90
	M. E. Blystone et al.	do.	253.80
	Geo. Hass Hagen et al.	do.	143.10
	Frank Ridgway et al.	do.	480.30
	E. A. Brown et al.	do.	143.10
	E. P. Jones et al.	do.	226.60
	E. A. Beals et al.	do.	638.80
	J. P. Slaughter et al.	do.	173.70
	C. F. von Herrmann et al.	do.	339.00
	E. A. Evans et al.	do.	445.27
	L. M. Dey et al.	do.	243.60
	J. H. Scarr et al.	do.	204.40
	W. E. Oliver et al.	do.	187.40
	R. J. Hyatt et al.	do.	350.90
	A. Buell et al.	do.	223.10
	F. A. Carpenter et al.	do.	143.10
	E. H. Nimmo.	do.	102.20
	A. G. McAdie et al.	do.	800.60
	R. M. Hardinge et al.	do.	212.90
	A. G. Burns et al.	do.	141.40
	H. B. Boyer et al.	do.	243.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 31	F. H. Clarke et al.	Salary	\$218.67
	G. N. Salisbury et al.	do.	342.30
	J. W. Cronk et al.	do.	132.90
	U. G. Purssell et al.	do.	212.90
	Chas. Stewart et al.	do.	182.20
	J. S. Hazen et al.	do.	143.10
	W. G. Burns et al.	do.	350.90
	A. McC. Ashley et al.	do.	243.60
	L. C. Cover et al.	do.	172.00
	N. R. Taylor et al.	do.	163.50
	F. R. Beahan et al.	do.	163.50
	J. M. Watson et al.	do.	143.10
	W. S. Currier et al.	do.	240.10
	T. B. Jennings et al.	do.	243.60
	W. S. Belden et al.	do.	301.40
	G. T. Todd et al.	do.	151.60
	G. W. Felger et al.	do.	173.70
	W. E. Donaldson et al.	do.	172.00
	H. C. Cooke et al.	do.	132.80
	E. H. Bowie et al.	do.	575.70
	G. W. Eddey.	do.	102.20
	Peter Wood.	do.	102.20
	W. C. McGuinness.	do.	102.20
	W. L. Day.	do.	102.20
	G. L. Lovett.	do.	25.00
	H. C. Howe.	do.	102.20
	J. W. Byram.	do.	102.20
	A. Drinkwater.	do.	61.30
	E. D. Emigh.	do.	85.20
	C. E. Johnson.	do.	61.30
	A. H. Bell.	do.	102.20
	J. A. Barwick.	do.	61.30
	J. P. Bolton.	do.	56.04
	do.	do.	38.46
	R. H. Sullivan.	do.	102.20
	O. L. Blue.	do.	71.50
	M. W. Hayes.	do.	127.70
	P. De Graw.	do.	85.20
	C. W. Ling.	do.	79.00
	C. C. Garrett.	do.	71.50
	H. P. Hardin.	do.	85.20
	H. B. Dick.	do.	85.20
	F. Z. Gosewisch.	do.	102.20
	J. J. Doshier.	do.	61.30
	R. M. Williamson.	do.	14.01
	J. B. Samuel.	do.	13.85
	G. W. Scott.	do.	102.20
	H. F. Alps.	do.	85.20
	A. W. Kennie.	do.	25.00
	H. McP. Baldwin.	do.	85.20
	H. W. Grasse.	do.	85.20
	H. Legler.	do.	71.50
	J. Driscow.	do.	39.56
	B. J. Sherry.	do.	51.10
	M. E. Conway.	do.	71.50
	L. S. Parrott.	do.	61.31
	J. J. Kelliher.	do.	85.20
	J. C. Piercy.	do.	102.20
	P. McDonough.	do.	102.20
	D. C. Grunow.	do.	85.20
	L. G. Sutton.	do.	71.50
	W. W. Thomas.	do.	71.50
	A. H. Thiessen.	do.	127.70
	W. D. Maxwell.	do.	102.20
	M. Connell.	do.	102.20
	T. Gibson.	do.	85.20
	J. Lopez.	do.	40.90
	M. A. Robinson.	do.	71.50
	E. C. Thompson.	do.	127.70
	J. R. Williams.	do.	102.20
	E. C. Hobbs.	do.	85.20
	F. P. Evans.	do.	61.30
	A. E. Heath.	do.	61.30
	J. J. O'Donnell.	do.	85.20
	F. Newman.	do.	102.20
	J. C. Hayden.	do.	85.20
	J. I. Widmeyer.	do.	102.20
	O. W. Roberts.	do.	102.20
	J. N. Ryker.	do.	102.20

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 31	S. Hackett.....	Salary.....	\$61.30
	N. D. Lane.....	do.....	102.20
	E. J. Glass.....	do.....	102.20
	J. A. Balster.....	do.....	58.85
	H. C. Bate et al.....	do.....	519.59
	Total third quarter.....		117,952.67
Apr. 8	E. S. Nichols.....	Salary.....	115.90
	G. S. Jones.....	do.....	24.73
	C. C. Starkey.....	do.....	37.50
	A. J. Kelley.....	do.....	30.00
	C. C. Kelley.....	do.....	36.00
	D. Baxter.....	do.....	34.50
15	W. A. Beesley.....	do.....	13.19
18	F. Haxton.....	do.....	27.50
30	A. F. Sims et al.....	do.....	232.40
	F. Jermiin et al.....	do.....	138.50
	R. M. Geddings et al.....	do.....	168.10
	J. B. Marbury et al.....	do.....	415.80
	E. W. McGann et al.....	do.....	245.60
	D. Fisher et al.....	do.....	156.60
	O. L. Fassig et al.....	do.....	428.75
	W. E. Donaldson et al.....	do.....	166.40
	W. A. Mitchell et al.....	do.....	128.60
	B. H. Bronson et al.....	do.....	245.60
	E. L. Wells et al.....	do.....	146.70
	J. W. Smith et al.....	do.....	776.40
	D. Cuthbertson et al.....	do.....	463.10
	F. H. Smyth et al.....	do.....	215.90
	J. F. Newson et al.....	do.....	220.80
	J. H. Smith et al.....	do.....	189.50
	L. N. Jesunofsky et al.....	do.....	232.40
	L. M. Findell et al.....	do.....	189.50
	W. S. Palmer et al.....	do.....	153.30
	H. J. Cox et al.....	do.....	949.35
	S. S. Bassler et al.....	do.....	436.70
	James Kenealy et al.....	do.....	426.80
	A. E. Hackett et al.....	do.....	217.50
	J. W. Bauer et al.....	do.....	260.40
	J. Warren Smith et al.....	do.....	522.40
	J. L. Cline et al.....	do.....	128.60
	J. M. Sherier et al.....	do.....	206.00
	F. H. Brandenburg et al.....	do.....	608.10
	Geo. M. Chappel et al.....	do.....	403.80
	N. B. Conger et al.....	do.....	504.30
	O. Parker et al.....	do.....	156.60
	H. W. Richardson et al.....	do.....	275.20
	D. C. Murphy et al.....	do.....	138.50
	Louis Dorman et al.....	do.....	138.50
	T. J. Considine et al.....	do.....	229.10
	A. Brand et al.....	do.....	206.00
	T. S. Collins et al.....	do.....	158.20
	Geo. Reeder et al.....	do.....	176.30
	L. H. Murdoch et al.....	do.....	486.20
	C. F. Schneider et al.....	do.....	311.50
	F. W. Conrad et al.....	do.....	138.50
	B. L. Waldron et al.....	do.....	168.10
	E. R. Demain et al.....	do.....	206.00
	R. F. Young et al.....	do.....	219.20
	R. B. Harkness et al.....	do.....	128.60
	S. W. Glenn et al.....	do.....	235.70
	W. T. Blythe et al.....	do.....	497.70
	R. G. Allen et al.....	do.....	346.10
	A. J. Mitchell et al.....	do.....	356.00
	P. Connor et al.....	do.....	356.00
	W. U. Simons et al.....	do.....	150.33
	W. M. Fulton et al.....	do.....	222.50
	R. H. Dean et al.....	do.....	123.90
	G. A. Loveland et al.....	do.....	413.70
	E. B. Richards et al.....	do.....	403.80
	G. E. Franklin et al.....	do.....	281.80
	H. B. Hersey et al.....	do.....	591.70
	G. N. Wilson et al.....	do.....	148.40
	H. R. Patrick et al.....	do.....	158.20
	S. C. Emery et al.....	do.....	331.80
	L. A. Denson et al.....	do.....	138.50
	T. S. Outram et al.....	do.....	415.30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Apr. 30	A. Ashenberger et al.	Salary	\$215.90
	F. P. Chaffee et al.	do	346.10
	G. E. Grimes et al.	do	122.00
	H. C. Bate et al.	do	454.90
	L. M. Tarr et al.	do	245.60
	I. M. Cline et al.	do	621.30
	E. H. Emery et al.	do	693.80
	J. J. Gray et al.	do	337.90
	W. A. Shaw et al.	do	123.60
	C. M. Strong et al.	do	344.50
	L. A. Welsh et al.	do	304.90
	J. G. Linsley et al.	do	148.40
	E. C. Vose et al.	do	235.70
	B. Bunnemeyer et al.	do	148.40
	T. F. Townsend et al.	do	684.00
	Geo. Hass Hagen et al.	do	138.50
	F. Ridgway et al.	do	464.80
	E. P. Jones et al.	do	219.20
	E. A. Beals et al.	do	510.90
	E. A. Brown et al.	do	130.76
	J. P. Slaughter et al.	do	168.10
	C. F. von Herrmann et al.	do	328.00
	E. A. Evans et al.	do	405.87
	L. M. Dey et al.	do	235.70
	J. H. Scarr et al.	do	197.80
	E. H. Bowie et al.	do	557.00
	W. E. Oliver et al.	do	181.30
	R. J. Hyatt et al.	do	299.90
	A. Buell et al.	do	215.90
	F. A. Carpenter et al.	do	138.50
	H. C. Cooke et al.	do	128.50
	E. H. Nimmo et al.	do	128.60
	A. G. McAdlie et al.	do	774.60
	R. M. Hardinge et al.	do	206.00
	A. G. Burns et al.	do	146.70
	H. B. Boyer et al.	do	235.70
	F. H. Clarke et al.	do	212.60
	G. N. Salisbury et al.	do	312.80
	J. W. Cronk et al.	do	128.60
	U. G. Purssell et al.	do	206.00
	Charles Stewart et al.	do	176.30
	W. G. Burns et al.	do	339.50
	J. S. Hazen et al.	do	138.50
	A. McC. Ashley et al.	do	235.70
	L. C. Cover et al.	do	166.40
	N. R. Taylor et al.	do	158.20
	F. R. Beahan et al.	do	158.20
	J. M. Watson et al.	do	138.50
	W. S. Currier et al.	do	232.40
	T. B. Jennings et al.	do	235.70
	W. S. Belden et al.	do	291.70
	G. T. Todd et al.	do	146.70
	G. W. Felger et al.	do	168.10
	G. R. Oberholzer et al.	do	138.50
	S. L. Doshier et al.	do	131.90
	R. Q. Grant et al.	do	128.60
	G. W. Eddey.	do	98.90
	P. Wood.	do	98.90
	W. C. McGuinness.	do	98.90
	W. L. Day.	do	98.90
	W. G. Wilson.	do	26.37
	G. L. Lovett.	do	25.00
	H. C. Howe.	do	98.90
	J. W. Byram.	do	98.90
	A. Drinkwater.	do	59.30
	C. E. Ashcraft, jr.	do	69.20
	C. E. Johnson.	do	59.30
	A. H. Bell.	do	98.90
	J. A. Barwick.	do	59.30
	J. P. Bolton.	do	98.90
	R. H. Sullivan.	do	98.90
	P. De Graw.	do	82.40
	C. W. Ling.	do	82.40
	C. C. Garrett.	do	69.20
	H. P. Hardin.	do	82.40
	H. B. Dick.	do	82.40
	F. Z. Gosewisch.	do	98.90
	J. J. Doshier.	do	59.30
	G. W. Scott.	do	98.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 30	H. F. Alps.....	Salary.....	\$82.40
	A. W. Kennie.....	do.....	25.00
	H. McP. Baldwin.....	do.....	82.40
	H. W. Grasse.....	do.....	82.40
	H. Legler.....	do.....	69.20
	J. A. Balster.....	do.....	59.30
	B. J. Sherry.....	do.....	49.50
	John Driscow.....	do.....	49.50
	M. E. Conway.....	do.....	69.20
	L. S. Parrott.....	do.....	59.30
	J. J. Kelliher.....	do.....	82.40
	J. C. Piercy.....	do.....	98.90
	P. McDonough.....	do.....	98.90
	D. C. Grunow.....	do.....	82.40
	L. G. Sutton.....	do.....	69.20
	A. H. Thiessen.....	do.....	123.60
	W. W. Thomas.....	do.....	69.20
	A. B. Wollaber.....	do.....	107.10
	W. D. Maxwell.....	do.....	98.90
	M. Connell.....	do.....	98.90
	Thomas Gibson.....	do.....	82.40
	E. C. Thompson.....	do.....	123.60
	J. Lopez.....	do.....	39.60
	J. R. Williams.....	do.....	98.90
	E. C. Hobbs.....	do.....	82.40
	F. P. Evans.....	do.....	59.30
	A. E. Heath.....	do.....	59.30
	J. J. O'Donnell.....	do.....	82.40
	F. Newman.....	do.....	98.90
	E. J. Glass.....	do.....	98.90
	J. C. Hayden.....	do.....	82.40
	J. L. Widmeyer.....	do.....	98.90
	O. W. Roberts.....	do.....	98.90
	J. N. Ryker.....	do.....	98.90
	S. Hackett.....	do.....	59.30
	M. E. Blystone et al.....	do.....	245.60
	J. R. Weeks et al.....	do.....	128.60
	W. M. Wilson et al.....	do.....	543.92
	E. D. Emigh.....	do.....	82.40
	M. W. Hayes.....	do.....	74.18
	N. D. Lane.....	do.....	98.90
May 5	G. B. Wurtz et al.....	do.....	128.60
	L. Rafter.....	do.....	31.00
11	E. B. Neff.....	do.....	2.00
	.....do.....	do.....	26.00
	Lester Hamilton.....	do.....	12.00
	C. C. Starkey.....	do.....	36.00
	A. J. Kelley.....	do.....	31.50
	C. C. Kelley.....	do.....	34.50
	Dahl Baxter.....	do.....	34.50
	S. H. Barrett.....	do.....	8.00
	Herbert Townner.....	do.....	18.00
17	W. S. Rouse.....	do.....	11.87
	.....do.....	do.....	7.00
	W. J. Reynick.....	do.....	7.00
	C. J. Freburger.....	do.....	16.00
21	M. A. Robinson.....	do.....	69.20
31	A. F. Sims et al.....	do.....	240.20
	F. Jermin et al.....	do.....	143.00
	R. M. Geddings et al.....	do.....	173.80
	J. B. Marbury et al.....	do.....	429.40
	E. W. McGann et al.....	do.....	253.80
	D. Fisher et al.....	do.....	161.80
	W. E. Donaldson et al.....	do.....	172.20
	W. A. Mitchell et al.....	do.....	132.80
	B. H. Bronson et al.....	do.....	253.80
	E. L. Wells et al.....	do.....	151.60
	J. W. Smith et al.....	do.....	802.20
	D. Cuthbertson et al.....	do.....	478.80
	P. H. Smyth et al.....	do.....	182.40
	J. F. Newsom et al.....	do.....	228.40
	J. H. Smith et al.....	do.....	196.00
	L. N. Jesunofsky et al.....	do.....	240.20
	G. R. Oberholzer et al.....	do.....	143.00
	L. M. Pindell et al.....	do.....	196.00
	W. S. Palmer et al.....	do.....	199.40
	H. J. Cox et al.....	do.....	981.30
	S. S. Bassler et al.....	do.....	451.60
	J. Kenealy et al.....	do.....	441.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. May 31	A. E. Hackett et al.	Salary.	\$225.00
	J. W. Bauer et al.	do.	269.20
	J. Warren Smith et al.	do.	540.20
	J. L. Cline et al.	do.	132.80
	J. M. Sherier et al.	do.	213.00
	F. H. Brandenburg et al.	do.	628.80
	G. M. Chappel et al.	do.	417.40
	N. B. Conger et al.	do.	521.40
	O. Parker et al.	do.	161.80
	D. C. Murphy et al.	do.	143.00
	L. Dorman et al.	do.	143.00
	T. J. Considine et al.	do.	236.80
	G. B. Wurtz et al.	do.	132.80
	A. Brand et al.	do.	213.00
	T. S. Collins et al.	do.	163.60
	G. Reeder et al.	do.	182.40
	L. H. Murdoch et al.	do.	502.60
	C. F. Schneider et al.	do.	322.00
	F. W. Conrad et al.	do.	143.00
	B. L. Waldron et al.	do.	173.80
	S. L. Doshier et al.	do.	136.20
	E. R. Demain et al.	do.	213.00
	R. F. Young et al.	do.	226.60
	R. B. Harkness et al.	do.	132.80
	S. W. Glenn et al.	do.	213.00
	W. T. Blythe et al.	do.	514.60
	R. G. Allen et al.	do.	357.80
	A. J. Mitchell et al.	do.	296.40
	P. Connor et al.	do.	368.00
	W. M. Fulton et al.	do.	230.00
	R. Q. Grant et al.	do.	132.80
	R. H. Dean et al.	do.	127.20
	G. A. Loveland et al.	do.	325.40
	E. B. Richards et al.	do.	417.40
	H. B. Hersey et al.	do.	611.60
	G. E. Franklin et al.	do.	291.40
	G. N. Wilson et al.	do.	153.20
	J. E. Weeks et al.	do.	132.80
	H. R. Patrick et al.	do.	163.60
	S. C. Emery et al.	do.	342.40
	L. A. Denson et al.	do.	143.00
	W. M. Wilson et al.	do.	582.60
	T. S. Outram et al.	do.	429.40
	A. Ashenberger et al.	do.	223.20
	F. P. Chaffee et al.	do.	357.80
	G. E. Grimes et al.	do.	126.00
	H. C. Bate et al.	do.	470.20
	L. M. Tarr et al.	do.	253.80
	I. M. Cline et al.	do.	642.40
	E. H. Emery et al.	do.	717.40
	J. J. Gray et al.	do.	349.20
	W. A. Shaw et al.	do.	127.80
	L. A. Welsh et al.	do.	315.20
	C. M. Strong et al.	do.	356.00
	J. G. Linsley et al.	do.	153.20
	E. C. Vose et al.	do.	243.60
	B. Bunne Meyer et al.	do.	160.88
	T. F. Townsend et al.	do.	707.00
	M. E. Blystone et al.	do.	253.80
	G. Hass Hagen et al.	do.	143.00
	F. Ridgway et al.	do.	480.40
	W. J. Olds et al.	do.	143.00
	E. P. Jones et al.	do.	226.60
	E. A. Beals et al.	do.	603.20
	J. P. Slaughter et al.	do.	173.80
	C. F. von Herrmann et al.	do.	356.00
	E. A. Evans et al.	do.	426.00
	L. M. Dey et al.	do.	243.60
	J. H. Scarr et al.	do.	204.40
	E. H. Bowie et al.	do.	678.20
	W. E. Oliver et al.	do.	187.40
	R. J. Hyatt et al.	do.	340.80
	A. Buell et al.	do.	223.20
	H. C. Cooke et al.	do.	133.00
	E. C. Thompson et al.	do.	240.20
	F. A. Carpenter et al.	do.	143.00
	E. H. Nimmo et al.	do.	132.80
	A. G. McAdie et al.	do.	800.80
	R. M. Hardinge et al.	do.	213.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 31	A. G. Burns et al.	Salary	\$151.60
	H. B. Boyer et al.	do	243.60
	F. H. Clarke et al.	do	219.80
	G. N. Salisbury et al.	do	301.60
	J. W. Cronk et al.	do	132.80
	U. G. Pursell et al.	do	213.00
	W. G. Burns et al.	do	351.00
	J. S. Hazen et al.	do	143.00
	C. Stewart et al.	do	182.40
	M. R. Sanford et al.	do	115.80
	L. C. Cover et al.	do	172.20
	N. R. Taylor et al.	do	163.60
	F. R. Beahan et al.	do	163.60
	J. M. Watson et al.	do	143.00
	T. B. Jennings et al.	do	243.60
	W. S. Currier et al.	do	240.20
	W. S. Belden et al.	do	301.60
	G. T. Todd et al.	do	151.60
	G. W. Felger et al.	do	173.80
	P. Wood.	do	102.20
	G. W. Eddey.	do	102.20
	W. C. McGuiness.	do	102.20
	J. A. Barry.	do	85.20
	W. L. Day.	do	102.20
	C. L. Lovett.	do	25.00
	H. C. Howe.	do	102.20
	J. W. Byram.	do	102.20
	A. Drinkwater.	do	61.40
	E. D. Emigh.	do	85.20
	C. E. Johnson.	do	61.40
	N. D. Lane.	do	102.20
	A. H. Bell.	do	102.20
	J. A. Barwick.	do	61.40
	L. G. Sutton.	do	71.60
	J. P. Bolton.	do	102.20
	R. H. Sullivan.	do	102.20
	C. W. Ling.	do	85.20
	C. C. Garrett.	do	71.60
	H. P. Hardin.	do	85.20
	H. B. Dick.	do	85.20
	F. Z. Gosewisch.	do	102.20
	W. U. Simons.	do	102.20
	J. J. Doshier.	do	61.40
	G. W. Scott.	do	102.20
	H. F. Alps.	do	85.20
	A. W. Kennie.	do	25.00
	H. W. Grasse.	do	85.20
	J. A. Balster.	do	61.40
	J. Driscow.	do	51.00
	B. J. Sherry.	do	51.00
	H. Legler.	do	71.60
	M. E. Conway.	do	71.60
	L. S. Parrott.	do	61.40
	J. J. Kelliher.	do	85.20
	J. C. Piercy.	do	102.20
	P. McDonough.	do	102.20
	D. C. Grunow.	do	85.20
	A. H. Thiessen.	do	127.80
	W. W. Thomas.	do	71.60
	A. B. Wollaber.	do	110.80
	W. D. Maxwell.	do	102.20
	M. Connell.	do	102.20
	T. Gibson.	do	85.20
	J. R. Williams.	do	102.20
	E. C. Hobbs.	do	85.20
	F. P. Evans.	do	61.40
	A. McC. Ashley.	do	127.80
	A. E. Heath.	do	61.40
	J. J. O'Donnell.	do	85.20
	F. Newman.	do	102.20
	E. J. Glass.	do	102.20
	J. C. Hayden.	do	85.20
	J. I. Widmeyer.	do	102.20
	J. N. Ryker.	do	102.20
	S. Hackett.	do	61.40
	O. L. Fassig et al.	do	344.39
	H. W. Richardson et al.	do	312.29
	H. E. Hobbs.	do	71.60
	S. E. Bond.	do	15.82

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 3	P. W. Knopf.....	Salary.....	\$12.00
	P. DeGraw.....	do.....	85.20
	H. McP. Baldwin.....	do.....	85.20
	O. W. Roberts.....	do.....	102.20
9	D. R. Morris.....	do.....	71.60
	C. Shultz.....	do.....	25.00
	E. M. Dearing.....	do.....	10.00
	D. Baxter.....	do.....	37.50
	C. C. Starkey.....	do.....	36.00
	A. J. Kelley.....	do.....	36.00
	C. C. Kelley.....	do.....	37.50
15	P. Baur.....	do.....	30.00
	Lester Hamilton.....	do.....	26.00
	E. C. Vaughn.....	do.....	5.00
	S. H. Barrett.....	do.....	26.00
	E. W. Holcomb.....	do.....	30.00
	H. C. Finch.....	do.....	18.00
22	J. R. Cole.....	do.....	3.00
30	E. W. Holcomb.....	do.....	6.00
	G. W. Eddey.....	do.....	98.90
	Peter Wood.....	do.....	98.90
	W. C. McGuinness.....	do.....	98.90
	W. L. Day.....	do.....	98.90
	G. L. Lovett.....	do.....	25.00
	P. W. Knopf.....	do.....	12.00
	H. C. Howe.....	do.....	98.90
	J. W. Byram.....	do.....	98.90
	A. Drinkwater.....	do.....	59.30
	E. D. Emigh.....	do.....	82.40
	C. E. Johnson.....	do.....	59.30
	N. D. Lane.....	do.....	98.90
	A. H. Bell.....	do.....	98.90
	J. A. Barry.....	do.....	82.40
	D. S. Landis.....	do.....	82.40
	J. P. Bolton.....	do.....	98.90
	R. H. Sullivan.....	do.....	98.90
	Paul DeGraw.....	do.....	82.40
	C. W. Ling.....	do.....	82.40
	A. McC. Ashley.....	do.....	123.60
	James Jones.....	do.....	59.30
	H. E. Hobbs.....	do.....	46.15
	D. R. Morris.....	do.....	9.20
	H. P. Hardin.....	do.....	82.40
	H. B. Dick.....	do.....	82.40
	F. G. Gosewisch.....	do.....	98.90
	J. J. Doshier.....	do.....	59.30
	G. W. Scott.....	do.....	98.90
	H. F. Alps.....	do.....	82.40
	A. W. Kennie.....	do.....	25.00
	H. C. Finch.....	do.....	12.00
	H. W. Grasse.....	do.....	82.40
	H. Legler.....	do.....	69.20
	J. A. Balster.....	do.....	59.30
	B. J. Sherry.....	do.....	49.50
	J. Driscow.....	do.....	49.50
	M. E. Conway.....	do.....	69.20
	L. S. Parrott.....	do.....	59.30
	J. J. Kelliher.....	do.....	82.40
	J. C. Piercy.....	do.....	98.90
	P. McDonough.....	do.....	98.90
	B. Bunnemeyer.....	do.....	98.90
	D. C. Grunow.....	do.....	82.40
	W. W. Thomas.....	do.....	69.20
	A. H. Thiessen.....	do.....	123.60
	L. G. Sutton.....	do.....	69.20
	A. B. Wollaber.....	do.....	107.10
	M. Connell.....	do.....	98.90
	Thos. Gibson.....	do.....	82.40
	J. R. Williams.....	do.....	98.90
	U. G. Pursell.....	do.....	107.10
	E. C. Hobbs.....	do.....	82.40
	F. P. Evans.....	do.....	59.30
	N. R. Taylor.....	do.....	98.90
	A. E. Heath.....	do.....	59.30
	J. J. O'Donnell.....	do.....	82.40
	J. A. Barwick.....	do.....	59.30
	F. Newman.....	do.....	98.90
	E. J. Glass.....	do.....	98.90
	J. C. Hayden.....	do.....	82.40
	J. I. Widmeyer.....	do.....	98.90

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 30	D. P. McCallum.....	Salary.....	\$98.90
	O. W. Roberts.....	do.....	98.90
	J. N. Ryker.....	do.....	98.90
	S. Hackett.....	do.....	59.30
	R. M. Geddings et al.....	do.....	168.10
	C. F. Schneider et al.....	do.....	311.50
	W. U. Simons et al.....	do.....	168.20
	J. R. Weeks et al.....	do.....	128.60
	S. C. Emery et al.....	do.....	291.70
	F. P. Chaffee et al.....	do.....	346.10
	J. H. Scarr et al.....	do.....	197.80
	W. E. Oliver et al.....	do.....	181.30
	H. C. Cooke et al.....	do.....	128.50
	A. F. Sims et al.....	do.....	232.40
	J. B. Marbury et al.....	do.....	415.30
	E. W. McGann et al.....	do.....	206.00
	D. Fisher et al.....	do.....	156.60
	O. L. Fassig et al.....	do.....	403.70
	W. E. Donaldson et al.....	do.....	166.40
	B. H. Bronson et al.....	do.....	245.60
	E. L. Wells et al.....	do.....	146.70
	D. Cuthbertson et al.....	do.....	463.10
	P. H. Smyth et al.....	do.....	176.30
	J. F. Newsom et al.....	do.....	220.80
	J. H. Smith et al.....	do.....	189.50
	L. N. Jesunofsky et al.....	do.....	232.40
	G. R. Oberholzer et al.....	do.....	138.50
	L. M. Pindell et al.....	do.....	189.50
	W. S. Palmer et al.....	do.....	208.62
	H. J. Cox et al.....	do.....	949.35
	S. S. Bassler et al.....	do.....	436.70
	J. Kenealy et al.....	do.....	426.80
	Geo. Reeder et al.....	do.....	205.14
	J. W. Bauer et al.....	do.....	260.40
	J. Warren Smith et al.....	do.....	522.40
	J. L. Cline et al.....	do.....	128.60
	J. M. Sherier et al.....	do.....	206.00
	F. H. Brandenburg et al.....	do.....	583.40
	G. M. Chappel et al.....	do.....	403.80
	N. B. Conger et al.....	do.....	504.30
	O. Parker et al.....	do.....	156.60
	H. W. Richardson et al.....	do.....	304.90
	D. C. Murphy et al.....	do.....	138.50
	E. A. Brown et al.....	do.....	122.00
	T. J. Considine et al.....	do.....	229.10
	G. B. Wurtz et al.....	do.....	128.60
	A. Brand et al.....	do.....	206.00
	T. S. Collins et al.....	do.....	187.87
	L. H. Murdoch et al.....	do.....	486.20
	F. W. Conrad et al.....	do.....	138.50
	B. L. Waldron et al.....	do.....	168.10
	E. R. Demain et al.....	do.....	206.00
	S. L. Doshier et al.....	do.....	131.90
	R. B. Harkness et al.....	do.....	128.60
	S. W. Glenn et al.....	do.....	223.80
	W. T. Blythe et al.....	do.....	497.70
	R. G. Allen et al.....	do.....	352.65
	A. J. Mitchell et al.....	do.....	346.10
	P. Connor et al.....	do.....	356.00
	W. M. Fulton et al.....	do.....	222.50
	J. L. Bartlett et al.....	do.....	235.70
	G. A. Loveland et al.....	do.....	466.40
	E. B. Edwards et al.....	do.....	403.80
	G. E. Franklin et al.....	do.....	281.80
	H. B. Hersey et al.....	do.....	591.70
	G. N. Wilson et al.....	do.....	148.40
	H. R. Patrick et al.....	do.....	158.20
	L. A. Denson et al.....	do.....	138.50
	W. M. Wilson et al.....	do.....	494.50
	T. S. Outram et al.....	do.....	415.30
	A. Ashenburger et al.....	do.....	215.90
	G. E. Grimes et al.....	do.....	122.00
	H. C. Bate et al.....	do.....	454.90
	L. M. Tarr et al.....	do.....	245.60
	I. M. Cline et al.....	do.....	621.30
	E. H. Emery et al.....	do.....	586.70
	J. J. Gray et al.....	do.....	337.90
	W. A. Shaw et al.....	do.....	123.60
	C. M. Strong et al.....	do.....	304.90
	L. A. Welsh et al.....	do.....	304.90

472 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904. June 30	J. G. Linsley et al.	Salary.	\$148.40
	E. C. Vose et al.	do.	235.70
	T. F. Townsend et al.	do.	640.83
	M. E. Blystone et al.	do.	245.60
	Geo. Hass Hagen et al.	do.	138.50
	F. Ridgway et al.	do.	464.80
	W. J. Olds et al.	do.	138.50
	E. P. Jones et al.	do.	219.20
	E. A. Beals et al.	do.	501.00
	J. P. Slaughter et al.	do.	168.10
	C. F. von Herrmann et al.	do.	381.41
	E. A. Evans et al.	do.	412.00
	L. M. Dey et al.	do.	235.70
	E. H. Bowie et al.	do.	713.99
	R. J. Hyatt et al.	do.	329.60
	A. Buell et al.	do.	215.90
	F. A. Carpenter et al.	do.	138.50
	E. H. Nimmo et al.	do.	128.60
	A. G. McAdie et al.	do.	774.60
	E. C. Thompson et al.	do.	232.40
	C. E. Linney et al.	do.	206.00
	A. G. Burns et al.	do.	146.70
	H. B. Boyer et al.	do.	235.70
	C. L. Mills et al.	do.	89.00
	G. N. Salisbury et al.	do.	291.70
	J. W. Cronk et al.	do.	128.60
	C. Stewart et al.	do.	176.30
	Wm. G. Burns et al.	do.	339.50
	J. S. Hazen et al.	do.	138.50
	R. M. Hardinge et al.	do.	235.70
	L. C. Cover et al.	do.	166.40
	F. R. Beahan et al.	do.	158.20
	J. M. Watson et al.	do.	138.50
	W. S. Currier et al.	do.	232.40
	W. S. Belden et al.	do.	345.77
	G. T. Todd et al.	do.	146.70
	G. W. Felger et al.	do.	168.10
	F. Jermin et al.	do.	138.50
	W. A. Mitchell et al.	do.	128.60
	E. M. Dearing.	do.	26.88
	H. C. Finch.	do.	15.82
	H. McP. Baldwin.	do.	82.40
	J. E. Webb.	do.	30.00
	W. D. Maxwell.	do.	98.90
	J. W. Smith et al.	do.	714.84
	M. T. Nesmith.	do.	27.69
	do.	do.	17.80
	M. R. Landis.	do.	16.00
	R. H. Dean.	do.	98.90
	F. Furr.	do.	13.85
	A. B. Stilwell.	do.	16.81
	L. Hamilton.	do.	15.00
	T. B. Jennings et al.	do.	235.70
	B. C. Kadel.	do.	69.20
	A. B. Stilwell.	do.	6.00
	R. L. Fisher.	do.	17.80
	Total fourth quarter		117,890.97
	<i>Supplemental.</i>		
July 7	L. E. Hamilton.	Salary.	12.86
	F. H. Clarke.	do.	32.97
	L. M. Purssell.	do.	17.00
	D. Baxter.	do.	37.50
	A. J. Kelley.	do.	37.50
	C. C. Starkey.	do.	37.50
	C. C. Kelley.	do.	33.00
	P. Bauer.	do.	22.00
	S. H. Barrett.	do.	26.00
	J. S. Tyrrell.	do.	15.00
	R. F. Young et al.	do.	219.20
	C. E. Hodges.	do.	14.00
	C. C. Hedges.	do.	21.00
	J. E. Webb.	do.	8.00
	H. Moore.	do.	6.00
23 Aug. 5	do.	do.	17.80
	Ollie Elvigion.	do.	3.00
	Total supplemental.		560.33

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

RECAPITULATION.

First quarter.....	\$117,750.19
Second quarter.....	117,763.06
Third quarter.....	117,952.67
Fourth quarter.....	117,890.97
Supplemental.....	560.33
Total.....	471,917.22

WEATHER BUREAU, BUILDINGS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 27	R. D. Noe.....	Erecting building.....	\$4,000.00
29	S. Harford and H. H. Harford.....	Land in Duluth, Minn.....	2,040.70
Aug. 6	C. L. Harding.....	Plans for building.....	765.00
12	W. J. Swanton.....	Land in Choctaw County, Mont.....	1,795.00
15	H. W. Richardson.....	Recording deed.....	1.00
31	R. D. Noe.....	Erecting building.....	1,500.00
	G. W. Kelley.....	Repairing roadway.....	16.50
	C. C. Starkey.....	.....do.....	9.00
	S. H. Martas.....	.....do.....	7.50
	W. Ashbey.....	.....do.....	9.00
	W. H. Kelley.....	.....do.....	9.00
	W. Ashbey.....	.....do.....	7.50
	S. H. Martas.....	.....do.....	7.50
	C. C. Starkey.....	.....do.....	3.75
	J. C. Fletcher.....	Surveying.....	15.00
Sept. 18	A. Zappone.....	Registering deed.....	3.50
	J. A. Robert.....	Erecting building.....	1,003.50
30	C. F. Martas.....	Services building roadway.....	9.00
	S. H. Martas.....	.....do.....	9.00
	H. Sower.....	.....do.....	9.00
	R. Elsea.....	.....do.....	9.00
	H. Starkey.....	.....do.....	9.00
	D. Baxter.....	.....do.....	9.00
	E. Starkey.....	.....do.....	9.00
	C. C. Starkey.....	.....do.....	9.00
	W. Ashbey.....	.....do.....	9.00
	G. W. Kelley.....	.....do.....	9.00
	W. Mercer.....	.....do.....	9.00
	J. F. Mercer.....	.....do.....	7.50
	R. Elsea.....	.....do.....	4.50
	W. H. Kelley.....	.....do.....	6.00
	W. Mercer.....	.....do.....	6.00
	W. Ashbey.....	.....do.....	6.00
	.....do.....	.....do.....	7.50
	E. Starkey.....	.....do.....	7.50
	C. C. Starkey.....	.....do.....	7.50
	.....do.....	.....do.....	7.50
	W. H. Kelley.....	.....do.....	7.50
	S. H. Martas.....	.....do.....	7.50
	G. W. Kelley.....	.....do.....	9.00
	S. H. Martas.....	.....do.....	9.00
	H. Starkey.....	Services repairing roadway.....	18.00
	D. Baxter.....	.....do.....	6.00
	W. H. Kelley.....	.....do.....	7.50
	W. Mercer.....	.....do.....	7.50
	G. W. Kelley.....	.....do.....	7.50
	W. Ashbey.....	.....do.....	7.50
	S. H. Martas.....	.....do.....	9.00
	C. C. Starkey.....	.....do.....	9.00
	E. Starkey.....	.....do.....	9.00
	H. Starkey.....	.....do.....	9.00
	G. W. Kelley.....	Land in Clarke County, Va.....	625.00
	Total first quarter.....		12,100.45
Oct. 12	R. D. Noe.....	Erecting building.....	2,500.00
15	G. W. Kelley.....	Erecting fence.....	9.00
	H. Starkey.....	.....do.....	9.00
	W. Ashbey.....	.....do.....	9.00
	J. F. Mercer.....	.....do.....	9.00
	R. Elsea.....	Repairing roadway.....	9.00
	E. Starkey.....	.....do.....	9.00
	C. C. Starkey.....	.....do.....	9.00
	S. H. Martas.....	.....do.....	9.00
	D. Baxter.....	.....do.....	9.00
	E. F. Hummer.....	Erecting fence.....	13.50
	W. Mercer.....	Repairing roadway.....	7.50
	W. H. Kelley.....	.....do.....	1.50
	F. M. Smallwood.....	Erecting fence.....	18.00
	W. T. Hummer.....	.....do.....	18.00
	W. S. Hummer.....	.....do.....	18.00
	P. Smith.....	.....do.....	9.00

474 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, BUILDINGS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 15	D. Baxter.....	Erecting fence.....	\$6.00
	G. W. Kelley.....	do.....	6.00
	E. Starkey.....	Building roadway.....	6.00
	S. H. Martas.....	do.....	6.00
	W. Ashbey.....	do.....	6.00
	C. C. Starkey.....	do.....	6.00
	H. Starkey.....	Erecting fence.....	4.50
	R. Elsea.....	Building roadway.....	4.50
	J. F. Mercer.....	Erecting fence.....	4.50
	W. Mercer.....	Building roadway.....	3.00
	E. F. Hummer.....	Erecting fence.....	1.50
24	J. A. Robert.....	Erecting building, Duluth, Minn.....	1,453.50
31	do.....	Plastering building, Duluth, Minn	97.00
	F. M. Smallwood.....	Services.....	12.00
	R. Elsea.....	do.....	7.50
	S. H. Martas.....	do.....	9.00
	W. S. Hummer.....	do.....	15.00
	W. Ashbey.....	do.....	.75
	P. Smith.....	do.....	15.00
	C. Kelley.....	do.....	9.00
	J. F. Mercer.....	do.....	9.00
	D. Baxter.....	do.....	9.00
	E. Starkey.....	do.....	9.00
	C. C. Starkey.....	do.....	9.00
	W. T. Hummer.....	do.....	15.00
	H. Starkey.....	do.....	9.00
	F. M. Smallwood.....	do.....	15.00
	W. Mercer.....	do.....	7.50
	H. Starkey.....	do.....	7.50
	D. Baxter.....	do.....	7.50
	W. S. Hummer.....	do.....	15.00
	P. Smith.....	do.....	15.00
	W. T. Hummer.....	do.....	15.00
	J. F. Mercer.....	do.....	7.50
	C. C. Starkey.....	do.....	9.00
	E. Starkey.....	do.....	9.00
	R. Elsea.....	do.....	6.00
	C. Kelley.....	do.....	3.00
	S. H. Martas.....	do.....	7.50
Nov. 7	J. Gussenhoven.....	Erecting building.....	3,000.00
10	D. Baxter.....	Erecting fence.....	9.00
	R. Elsea.....	do.....	9.00
	P. Smith.....	do.....	13.50
	J. F. Mercer.....	do.....	7.50
	E. Starkey.....	Building roadway.....	9.00
	C. C. Starkey.....	do.....	9.00
	W. T. Hummer.....	Erecting fence.....	13.50
	C. Kelley.....	do.....	9.00
	S. H. Martas.....	Building roadway.....	9.00
	W. S. Hummer.....	Erecting fence.....	15.00
	F. M. Smallwood.....	do.....	15.00
	G. W. Kelley.....	do.....	7.50
14	H. Starkey.....	do.....	7.50
	W. Mercer.....	do.....	3.00
	F. M. Smallwood.....	do.....	10.50
	W. T. Hummer.....	do.....	10.50
	P. Smith.....	do.....	10.50
	W. S. Hummer.....	do.....	10.50
	J. F. Mercer.....	do.....	6.00
	H. Starkey.....	do.....	9.00
	C. Kelley.....	Building roadway.....	9.00
	D. Baxter.....	do.....	9.00
	C. C. Starkey.....	do.....	9.00
18	R. Elsea.....	Erecting fence.....	6.00
	E. Starkey.....	Repairing roadway.....	9.00
	W. L. Robey.....	Building stone columns.....	100.00
19	Harding & Upman.....	Plans for building.....	385.00
24	J. F. Mercer.....	Erecting wire fence.....	7.50
	C. C. Starkey.....	do.....	9.00
	E. Starkey.....	do.....	7.50
	C. Kelley.....	do.....	9.00
	D. Baxter.....	do.....	7.50
	J. A. Robert.....	Work on building.....	281.68
	R. Elsea.....	Erecting wire fence.....	7.50
	C. C. Starkey.....	do.....	4.50
	H. Starkey.....	do.....	7.50
	C. Kelley.....	do.....	9.00
	D. Baxter.....	do.....	4.50
	J. F. Mercer.....	do.....	4.50
	J. A. Robert.....	Erecting building.....	2,956.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, BUILDINGS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 7	R. D. Noe	Erecting building	\$1,000.00
	do	Extra work on building	631.00
14	J. Gussenhoven	Erecting building	1,000.00
22	J. H. Leslie	Additions to building	745.00
	H. F. L. Allen	Tract of land in Loudoun County, Va.	250.00
	W. H. Michael	do	200.00
31	W. D. Hempstone	Recording deed	5.75
	Harding & Upman	Plans for building	460.00
	Total second quarter		15,852.18
1904.			
Jan. 23	Flint & Walling Manufacturing Co.	Cypress tank	1,017.55
Feb. 13	J. Gussenhoven	Erecting building	700.00
29	J. A. Robert	Erecting building, Duluth	1,178.50
	T. P. Simpson	Erecting building, Mount Weather	800.00
	J. W. Robinson	Land in Dare County, N. C.	105.00
Mar. 11	C. W. Ling	Recording deed	2.08
	Albert Edgar Hodgkinson	Land in Ramsey County, N. Dak.	2,209.05
18	George Emslie, register of deeds	Recording deed	1.50
23	S. L. Doshier	do	1.75
	J. H. Leslie	Adjusting heating apparatus	20.00
	Total third quarter		6,035.43
June 3	Thomas P. Simpson	Erecting building, Mount Weather	2,051.00
22	J. A. Robert	Erecting building, Devils Lake	589.50
	Total fourth quarter		2,640.50
	<i>Supplemental.</i>		
July 7	J. H. Leslie	Asbestos covering for steam pipes	52.00
20	do	Erecting water tank, etc.	550.00
23	Thomas P. Simpson	Erecting power-house building	1,500.00
Aug. 11	J. A. Robert	Erecting building, Devils Lake	3,500.00
15	Thomas P. Simpson	Erecting power-house building	1,500.00
31	Harding & Upman	Plans for building, Devils Lake	500.00
	Robert D. Noe	Erecting building, Yellowstone Park	760.00
	Total supplemental		8,375.94

RECAPITULATION.

First quarter	\$12,100.45
Second quarter	15,852.18
Third quarter	6,035.43
Fourth quarter	2,640.50
Supplemental	8,375.94
Total	45,004.50

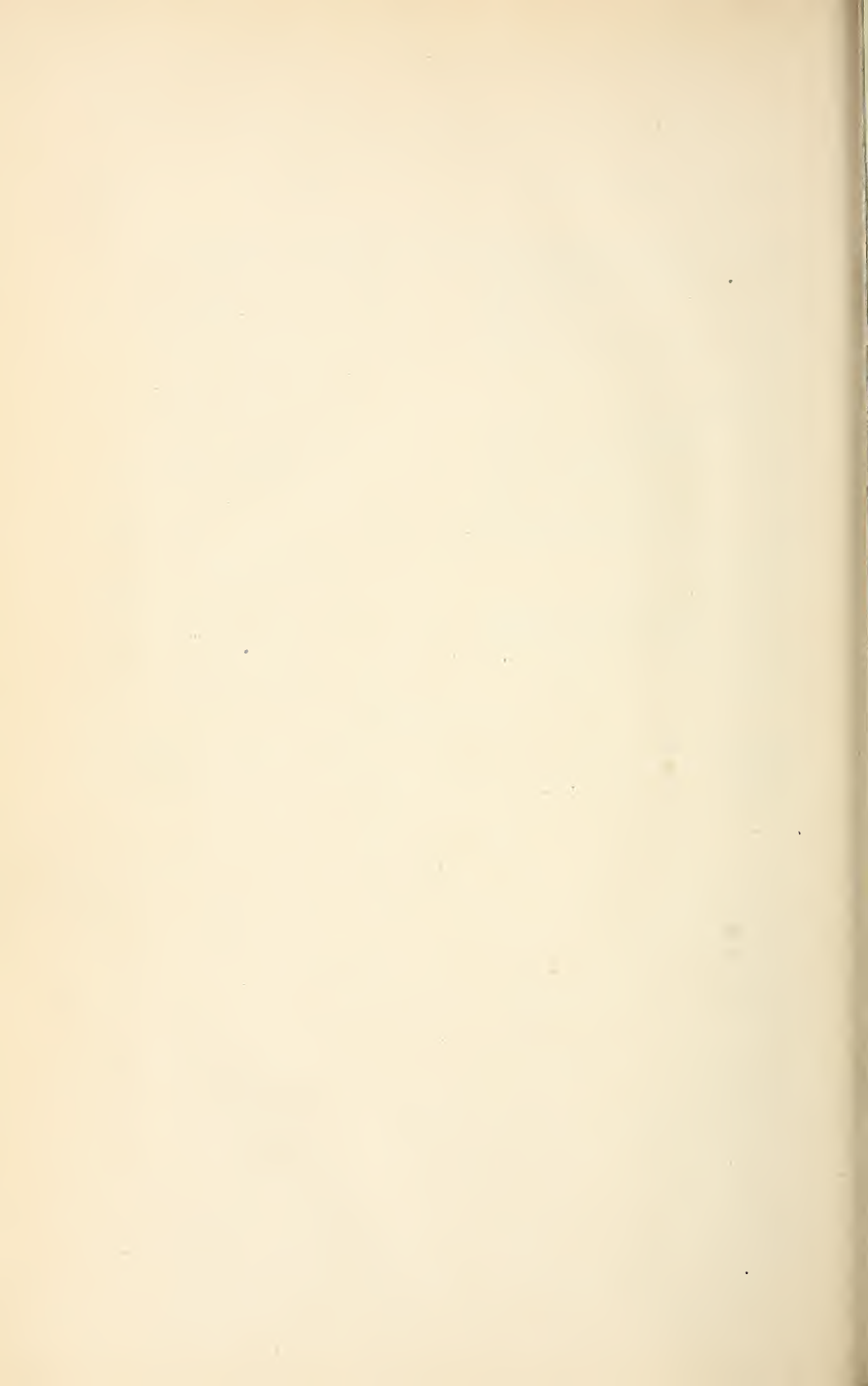
Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

CABLE AND LAND LINES, WEATHER BUREAU.

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 12	D. F. Holmes, R. A. Harris, and I. I. Harris.	Land in Washington County, R. I	\$4,150.00
	C. E. Chaplin and J. C. Chaplin.....	Land in Newport County, R. I..	1,032.50
24	M. E. Conway.....	Recording deed.....	1.75
31	G. W. S. Bell.....	Erecting building, Narragansett Pier.	1,500.00
Sept. 9	W. L. Day.....	Recording deed.....	2.00
30	The Okonite Co. (Limited).....	Rubber cable.....	19,109.00
	G. W. S. Bell.....	Erecting building, Narragansett Pier.	1,000.00
	.....do.....	Erecting building, Block Island..	1,500.00
	Total first quarter		28,295.25
Oct. 15	G. W. S. Bell.....	Erecting building, Block Island..	1,000.00
	.....do.....	Erecting building, Narragansett Pier.	1,500.00
20	.....do.....	Erecting building, Block Island..	1,500.00
24	Harding & Upman.....	Plans for buildings.....	848.00
Nov. 5	G. W. S. Bell.....	Erecting building, Narragansett Pier.	1,500.00
24	.....do.....	Erecting building, Block Island..	1,500.00
30	.....do.....	Putting in drain in cellar.....	9.00
Dec. 14	.....do.....	Erecting coal bins, etc.....	45.00
	Total second quarter		7,902.00
1904.			
Jan. 23	G. W. S. Bell.....	Erecting building, Block Island..	1,750.00
	.....do.....	Erecting building, Narragansett Pier.	2,050.00
Mar. 31	W. L. Day.....	Putting in transom, Block Island.	2.75
	Total third quarter		3,802.75

RECAPITULATION.

First quarter	\$28,295.25
Second quarter	7,902.00
Third quarter	3,802.75
Total	40,000.00







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Lab. 9



